



**STL Los Angeles**

1721 South Grand Avenue  
Santa Ana, CA 92705-4808

Tel: (714) 258-8610  
Fax: (714) 258-0921

[www.stl-inc.com](http://www.stl-inc.com)

November 17, 2000

**STL LOT NUMBER: E0J250276**

Rus Purcell  
Kennedy/Jenks Consultants  
2151 Michelson Drive  
Suite 100  
Irvine, CA 92612

Dear Mr. Purcell,

This report contains the analytical results for the 23 samples received under chain of custody by STL Los Angeles on October 25, 2000. These samples are associated with your Boeing Parcel C; C-6 project.

All applicable quality control procedures met method-specified acceptance criteria except as noted on the following page. Matrix related anomalies are footnoted within the report.

This report shall not be reproduced except in full, without the written approval of the laboratory.

If you have any questions, please feel free to call me at 714-258-8610.

Sincerely,

A handwritten signature in black ink, appearing to read "Diane Suzuki".

Diane Suzuki  
Project Manager

cc: Project File

LOT NUMBER E0J250276

Nonconformance E01034

**Affected Samples:**

14: C-2-252-2

**Affected Methods:**

8082 PCBs

**Case Narrative:**

*The opening standard (file 196) meets criteria. Subsequent CCV's are out high (files 208 and 218).*

**Corrective Action:**

*The results were ND, no further action necessary.*

000002



# SEVERN TRENT LABORATORIES

## CHAIN OF CUSTODY RECORD

No. 203024

Committed To Your Success

### CUSTOMER INFORMATION

COMPANY: Kenney Trucks  
SEND REPORT TO: Tax King, lot  
ADDRESS: 2151 Nicholson Dr. Ste 100

PHONE: 248-261-1577  
FAX:

PROJECT NUMBER: CDY0632.01  
BILL TO:  
ADDRESS:

PO NO.:  
FAX:   
PO NO.:

ANALYSIS/METHOD REQUEST

NUMBER OF CONTAINERS

6010 Metals

8015 TPH

8260 VOC

6010 VOC

8015 TPH

LAB JOB NO.

EST250276

REMARKS/PRECAUTIONS

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
<u>R. J. Dugan</u>	<u>10-25-00</u>	<u>R. J. Dugan</u>	<u>10-25-00</u>		
PRINTED NAME/COMPANY: <u>R. J. Dugan</u>	TIME <u>10:00</u>	PRINTED NAME/COMPANY: <u>R. J. Dugan</u>	TIME <u>10:00</u>	PRINTED NAME/COMPANY: <u></u>	TIME <u></u>
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
<u>R. J. Dugan</u>	<u>10/25/00</u>	<u>R. J. Dugan</u>	<u>10/25/00</u>	<u>R. J. Dugan</u>	<u>10/25/00</u>
PRINTED NAME/COMPANY: <u>R. J. Dugan</u>	TIME <u>10:00</u>	PRINTED NAME/COMPANY: <u>R. J. Dugan</u>	TIME <u>10:00</u>	PRINTED NAME/COMPANY: <u></u>	TIME <u></u>

\* RUSH TURNAROUND MAY REQUIRE SURCHARGE

SAMPLER: 100

SHIPMENT METHOD: AIRBILL NO.: 000003

REQUIRED TURNAROUND\*  SAME DAY  24 HOURS  48 HOURS  72 HOURS  5 DAYS  10 DAYS  ROUTINE  OTHER

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
<u>R. J. Dugan</u>	<u>10-25-00</u>	<u>R. J. Dugan</u>	<u>10-25-00</u>		
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<u>R. J. Dugan</u>	<u>10/25/00</u>	<u>R. J. Dugan</u>	<u>10/25/00</u>	<u>R. J. Dugan</u>	<u>10/25/00</u>
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**SEVERN TRENT LABORATORIES**

1721 South Grand Avenue  
Santa Ana, CA 92705

Phone: (714) 258-8610 / Fax: (714) 258-0921

**SEVERN TRENT**  
**LABORATORIES, INC.**  
**STANDARD TERMS**  
**AND CONDITIONS**

**ACCEPTANCE.** Sevem Trent Laboratories, Inc. (hereafter referred to as "STL") offers and will accept orders for services (as defined herein) only under the following Standard Terms and Conditions (the "Terms"). These Terms shall not apply if STL and the Customer shall have executed a separate agreement in writing. If specific Terms are not incorporated in the separate agreement those Terms will apply to the Customer. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of STL. Customer's order for services shall be subject to the Terms and the Terms shall be binding upon receipt of samples to STL. Either party may terminate this agreement at any time by giving written notice of such termination to the other party. Upon termination the customer is subject to payment for all services rendered and expenses incurred up to date in accordance with the applicable Price Schedule.

**INSURANCE.** STL maintains insurance coverage with minimum limits as follows: (a) Comprehensive General Liability- \$1,000,000 each occurrence \$2,000,000 annual aggregate; (b) Comprehensive Automotive Liability Bodily Injury and Property Damage- \$1,000,000 each occurrence. (c) Workman's Compensation- \$500,000 each occurrence and \$500,000 each employee; STL and Customer agree to furnish the other, upon request, certificates attesting to the existence of insurance coverage.

**INDEPENDENT CONTRACTOR.** STL's relationship with Customer under this agreement shall be that of an independent contractor. Nothing in this Agreement shall be construed to designate STL, or any of its employees or subcontractors, as employees, joint venturers or partners of Customer.

**SUBCONTRACTING.** STL shall have the right to subcontract any and all services, duties, and obligations hereunder, in whole or in part with the consent of the Customer in a timely response which shall not be unreasonably refused. Subcontractor shall be bound by the same Terms of performance as STL.

**BILLING.** All fees are charged or billed directly to the Customer. The billing of third party will not be accepted without a statement, signed by the third party, which acknowledges and accepts payment responsibility.

**PAYMENT.** Payment in advance is required for all Customers except those whose credit has been established with STL. Customers with STL approved credit, terms are Net 30 days, after which time a 1-1/2% per month late charge is added to all unpaid balances. Failure of the Customer to pay according to Terms gives STL the right to withhold delivery of future data until all past due invoices have been settled. Customer shall pay all costs and expenses incident to the collection of past due amounts, including reasonable attorney's fees. No retainage of fees by the customer is allowed without the consent of STL.

**MODIFICATIONS.** If the sample received is of unknown character than in the original quote, or if due to the composition of the sample the original procedure specified is not practicable or likely to produce reliable results, Customer will be promptly notified. Modified procedures will be suggested and STL may quote new prices for such modifications. Upon agreement of such modification, the original quote shall be deemed amended and the samples in question shall be deemed to have been received.

**TIME OF PERFORMANCE.** STL will use its best efforts to comply with storage, processing and analytical time limits requested by the Customer. Unless specifically agreed to in writing between STL and Customer, the time performance of any testing or other services performed by STL under this agreement is not guaranteed and STL shall have no liability for failure to perform such services within the time requested. Quick turnaround times are available at a premium cost which will be defined in the quote, providing STL workload availability.

**LIMITATION OF DAMAGES.** STL is not an insurer of services rendered and the payments mentioned are based solely on the value of the services provided pursuant to this agreement. STL's liability to the Customer and the Customer's exclusive remedy for any cause of action alleged against STL, whether based in contract, tort, or otherwise, shall be limited solely to the amount paid by the Customer for the services performed. In no event shall STL be liable for incidental or consequential damages including, without limitation, business interruption, loss of use, or loss of profits incurred by the Customer, its subsidiaries, affiliates, successors or assigns, arising out of or related to this agreement or the performance of services hereunder.

**WARRANTY.** STL makes no warranty or representation, express or implied, or guarantee of results from the performance of services pursuant to this Agreement. Any information, recommendation, interpretation, or opinion by STL is

based upon inferences and assumptions which are subject to error, and with respect to which analysis may differ. Accordingly, STL does not assume any liability with respect to the use of, or for damages resulting from the use of, any information, data, test results, analysis, apparatus, method, or process disclosed by STL. STL makes no presentation or warranty of any kind, including but not limited to, the warranties of fitness for a particular purpose or merchantability, nor are any such warranties to be implied with respect to the data or service furnished. STL assumes no responsibility with respect to Customer's use thereof.

**LIMITATION ACTION.** No action, regardless of form, arising out of or brought in connection with any services provided under this Agreement may be brought by the Customer more than one year after the performance of said services by STL. It is expressly agreed that STL shall have no liability to Customer unless that liability arises out of the willful misconduct or gross negligence of STL or its duly authorized employees.

**CONFIDENTIALITY.** Data and the sample materials provided by Customer or at Customer's request and the result obtained by STL shall be held in confidence (unless such information is generally available to the public or is in the public domain or Customer has failed to pay STL for all services rendered or is otherwise in breach of this Agreement) subject to any disclosure required by law or legal process. STL's reports and the data and information provided therein are for the exclusive use and benefit of Customer and Customer agrees there shall be no third party beneficiary of such reports, data, or information. Customer will not disclose to any third party any information concerning STL's technical information, software programs, or other formulations.

**SEVERABILITY.** The provisions of this Agreement shall be severable, and if any clause, sentence, paragraph, provision or other part hereof shall be adjudged by any court of competent jurisdiction to be invalid, such judgment shall not affect, impair or invalidate the remainder hereof, which remainder shall continue in full force and effect.

**WAIVER.** No waiver by either party of any breach, default or violation of any term, warranty, representation, agreement, covenant, condition or provision hereof shall constitute a waiver of any subsequent breach, default or violation of the same or any other term, warranty, representation, agreement, covenant, condition or provision hereof. All waivers must be in writing.

**FORCE MAJEURE.** Obligation of either party under this Agreement shall be suspended, and such party shall not be liable for damages or other remedies while such party is prevented from complying therewith, in whole or in part, due to contingencies beyond its reasonable control, including, but not limited to, strikes, riots, war, fire, act of God, injunction, compliance with any law, regulation or order, whether valid or invalid, of the United States of America or any other governmental body or any instrumentality, matrix interference or unknown highly contaminated samples that impact instrument operations thereof, whether now existing or hereafter created, inability to secure materials or obtain necessary permits, provided, however, the party so prevented from complying with its obligations hereunder shall promptly notify the other party thereof.

**LITIGATION.** All costs associated with compliance to any subpoena for documents, for testimony in court of law, or for any other purpose relating to work performed by STL, in connection with work performed for the Customer, shall be paid by the Customer. Such costs shall include, but are not limited to, hourly charges for persons involved in responding to subpoenas, travel and accommodations, mileage, attorney's preparation of testifier and advice of counsel in connection with response to subpoenas, and all other expenses deemed reasonable and associated with said litigation.

**HAZARDOUS WASTE.** Unused portions of samples found or suspected to be hazardous according to state or federal guidelines may be returned to the Customer upon completion of the analytical work. The cost of returning the sample may be invoiced to the Customer. The sample portions thereof remain the property of the Customer at all times. All radioactive or dioxin containing samples will be returned to the sampling site or to the Customer at the Customer's expense.

**RETENTION OF SAMPLES.** All routine samples are retained in our storage facilities for 30 days after report generation unless prior arrangements have been made. Samples may be held longer per Customers request for an additional fee.

**RETENTION OF REPORTS.** STL shall retain copies of analytical reports for a period of 5 years after report date, after which such reports may be destroyed or returned to the Customer at Customers expense. If Customer requests additional copies of such analytical reports during the retention period, an additional charge will apply for the preparation and printing of such reports.

**COMPLIANCE WITH LAW.** In the performance of all services to be provided hereunder, STL and Customer agree to comply with all applicable Federal, State and local laws and ordinances and all lawful orders, rules and regulations of any constituted authority.

**APPLICABLE LAW.** The validity, performance and construction of this Agreement shall be governed by and construed in accordance with the laws of the State of Delaware.

DRAFT — REVISION 1/27/99



Committed to Your Success

# SEVERN TRENT LABORATORIES

## CHAIN OF CUSTODY RECORD

No. 203025

203025

### CUSTOMER INFORMATION

COMPANY: Hennever Tanks  
 SEND REPORT TO: TOY KNIGHT

ADDRESS: 255 Winkler Dr. Ste 100  
Truman, La 32612

PHONE: 243-261-1527  
 FAX:

PHONE:   
 FAX:

BILLING INFORMATION

PROJECT NAME/NUMBER: CD4032-A1

BILL TO:  
 ADDRESS:

PHONE:   
 FAX:

PHONE:   
 FAX:

P.O. NO.:

PHONE:   
 FAX:

PHONE:   
 FAX:

PO. NO.:

		NUMBER OF CONTAINERS										ANALYSIS / METHOD REQUEST		LAB JOB NO.		
		1		2		3		4		5		6		7		
		SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.										
		10/25/00	10:05	So.1	Plst	TCB	/	X	X	X	X					
			10:15					X		X						
		10/25/00	10:35						X							
			10:50							X						
		10/25/00	13:30							X						
			13:40							X						
		10/25/00	13:50							X						
			14:10							X						
		10/25/00	14:15							X						
			14:35							X						
											X					
												X				
												X				
													X			
														X		
															X	
																X

### REMARKS/PRECAUTIONS

0760 VOC  
 6010 MEADS  
 0015 TPH  
 0002 PCBs

60J252276

\* RUSH TURNAROUND MAY REQUIRE SURCHARGE

SAMPLER: Tina

SHIPMENT METHOD:

AIRBILL NO.:

REQUIRED TURNAROUND:  SAME DAY  24 HOURS  48 HOURS  72 HOURS  5 DAYS  10 DAYS  ROUTINE  OTHER

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: <u>Tina Doyle</u>	10-25-00	SIGNATURE: <u>R. C. Collier</u>	10/27/00	SIGNATURE:	
PRINTED NAME/COMPANY: <u>Severn Trent</u>	TIME <u>10:00</u>	PRINTED NAME/COMPANY: <u>Severn Trent</u>	TIME <u>10:20</u>	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE: <u>R. C. Collier</u>	10/27/00	SIGNATURE: <u>R. C. Collier</u>	10/27/00	SIGNATURE:	
PRINTED NAME/COMPANY: <u>Severn Trent</u>	TIME <u>10:00</u>	PRINTED NAME/COMPANY: <u>Severn Trent</u>	TIME <u>10:20</u>	PRINTED NAME/COMPANY:	TIME

## SEVERN TRENT LABORATORIES

1721 South Grand Avenue  
Santa Ana 92705

Phone: (714) 258-8610 / Fax: (714) 258-0921

000004

**SEVERN TRENT**  
**LABORATORIES, INC.**  
**STANDARD TERMS**  
**AND CONDITIONS**

**ACCEPTANCE.** Sevem Trent Laboratories, Inc. (hereafter referred to as "STL") offers and will accept orders for services (as defined herein) only under the following Standard Terms and Conditions (the "Terms"). These Terms shall not apply if STL and the Customer shall have executed a separate agreement in writing. If specific Terms are not incorporated in the separate agreement those Terms will apply to the Customer. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of STL. Customer's order for services shall be subject to the Terms and the Terms shall be binding upon receipt of samples to STL. Either party may terminate this agreement at any time by giving written notice of such termination to the other party. Upon termination the customer is subject to payment for all services rendered and expenses incurred up to date in accordance with the applicable Price Schedule.

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**LIMITATION OF DAMAGES.** STL is not an insurer of services rendered and the payments mentioned are based solely on the value of the services provided pursuant to this agreement. STL's liability to the Customer and the Customer's exclusive remedy for any cause of action alleged against STL, whether based in contract, tort, or otherwise, shall be limited solely to the amount paid by the Customer for the services performed. In no event shall STL be liable for incidental or consequential damages including, without limitation, business interruption, loss of use, or loss of profits incurred by the Customer, its subsidiaries, affiliates, successors or assigns, arising out of or related to this agreement or the performance of services hereunder.

**WARRANTY.** STL makes no warranty or representation, express or implied, or guarantee of results from the performance of services pursuant to this Agreement. Any information, recommendation, interpretation, or opinion by STL is

based upon inferences and assumptions which are subject to error, and with respect to which analysis may differ. Accordingly, STL does not assume any liability with respect to the use of, or for damages resulting from the use of, any information, data, test results, analysis, apparatus, method, or process disclosed by STL. STL makes no presentation or warranty of any kind, including but not limited to, the warranties of fitness for a particular purpose or merchantability, nor are any such warranties to be implied with respect to the data or service furnished. STL assumes no responsibility with respect to Customer's use thereof.

**LIMITATION ACTION.** No action, regardless of form, arising out of or brought in connection with any services provided under this Agreement may be brought by the Customer more than one year after the performance of said services by STL. It is expressly agreed that STL shall have no liability to Customer unless that liability arises out of the willful misconduct or gross negligence of STL or its duly authorized employees.

**CONFIDENTIALITY.** Data and the sample materials provided by Customer or at Customer's request and the result obtained by STL shall be held in confidence (unless such information is generally available to the public or is in the public domain or Customer has failed to pay STL for all services rendered or is otherwise in breach of this Agreement) subject to any disclosure required by law or legal process. STL's reports and the data and information provided therein are for the exclusive use and benefit of Customer and Customer agrees there shall be no third party beneficiary of such reports, data, or information. Customer will not disclose to any third party any information concerning STL's technical information, software programs, or other formulations.

**SEVERABILITY.** The provisions of this Agreement shall be severable, and if any clause, sentence, paragraph, provision or other part hereof shall be adjudged by any court of competent jurisdiction to be invalid, such judgment shall not affect, impair or invalidate the remainder hereof, which remainder shall continue in full force and effect.

**WAIVER.** No waiver by either party of any breach, default or violation of any term, warranty, representation, agreement, covenant, condition or provision hereof shall constitute a waiver of any subsequent breach, default or violation of the same or any other term, warranty, representation, agreement, covenant, condition or provision hereof. All waivers must be in writing.

**FORCE MAJEURE.** Obligation of either party under this Agreement shall be suspended, and such party shall not be liable for damages or other remedies while such party is prevented from complying therewith, in whole or in part, due to contingencies beyond its reasonable control, including, but not limited to, strikes, riots, war, fire, act of God, injunction, compliance with any law, regulation or order, whether valid or invalid, of the United States of America or any other governmental body or any instrumentality, matrix interference or unknown highly contaminated samples that impact instrument operations thereof, whether now existing or hereafter created, inability to secure materials or obtain necessary permits, provided, however, the party so prevented from complying with its obligations hereunder shall promptly notify the other party thereof.

**LITIGATION.** All costs associated with compliance to any subpoena for documents, for testimony in court of law, or for any other purpose relating to work performed by STL, in connection with work performed for the Customer, shall be paid by the Customer. Such costs shall include, but are not limited to, hourly charges for persons involved in responding to subpoenas, travel and accommodations, mileage, attorney's preparation of testifier and advice of counsel in connection with response to subpoenas, and all other expenses deemed reasonable and associated with said litigation.

**HAZARDOUS WASTE.** Unused portions of samples found or suspected to be hazardous according to state or federal guidelines may be returned to the Customer upon completion of the analytical work. The cost of returning the sample may be invoiced to the Customer. The sample portions thereof remain the property of the Customer at all times. All radioactive or dioxin containing samples will be returned to the sampling site or to the Customer at the Customer's expense.

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**APPLICABLE LAW.** The validity, performance and construction of this Agreement shall be governed by and construed in accordance with the laws of the State of Delaware.



# SEVERN TRENT LABORATORIES

## CHAIN OF CUSTODY RECORD

No. 203026

Committed To Your Success

### CUSTOMER INFORMATION

COMPANY: Kennedy Tanks

SEND REPORT TO: Tony Knight

ADDRESS: 2151 Nicholson Dr. St. Louis

TRUCK # 92612

PROJECT INFORMATION  
PROJECT NAME/NUMBER: 028032.01  
BILLING INFORMATION

BILL TO:  
ADDRESS:

PHONE: 314-261-1527

FAX: 314-261-1527

FAX: 314-256-276

PHONE: 314-256-276

PONo.: 314-256-276

ANALYSIS/METHOD REQUEST  
8760 VOL  
6010 METAL  
9015 TPH

LAB JOB NO.  
314-256-276

NUMBER OF CONTAINERS

REMARKS/PRECAUTIONS

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESER.
C-2-256-10		10-25-00	14:40	Soil	Plastic	TCB
C-2-257-5			15:00	/	/	/
C-2-257-10			/	/	/	/
C-2-10/25 Rinse		15:07	07:11	Water	TCB	/
TRIP BACK		16:00	07:14	Vac	Ice	X
		16:00	07:14	Vac	Ice	X

AIRBILL NO.: 314-256-276

SHIPMENT METHOD:

000005

RUSH TURNAROUND MAY REQUIRE SURCHARGE

REQUIRED TURNAROUND:  SAME DAY  24 HOURS  48 HOURS  72 HOURS  5 DAYS  10 DAYS  ROUTINE  OTHER

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
<u>J. D. S.</u>	<u>10-25-00</u>	<u>M. P.</u>	<u>10/25/00</u>		
PRINTED NAME/COMPANY: <u>John Decker</u>	TIME <u>16:00</u>	PRINTED NAME/COMPANY: <u>STL</u>	TIME <u>16:15</u>	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY: <u>M. Decker</u>	DATE <u>10/25/00</u>	2. RECEIVED BY: <u>P. R. P.</u>	DATE <u>10/25/00</u>	3. RECEIVED BY:	DATE
SIGNATURE: <u>M. Decker</u>		SIGNATURE: <u>P. R. P.</u>		SIGNATURE:	
PRINTED NAME/COMPANY: <u>STL</u>	TIME <u>16:00</u>	PRINTED NAME/COMPANY: <u>STL</u>	TIME <u>16:15</u>	PRINTED NAME/COMPANY:	TIME

**SEVERN TRENT LABORATORIES**

1721 South Grand Avenue  
Santa Fe, NM 87505

Phone: (714) 258-8610 / Fax: (714) 258-0921

**SEVERN TRENT**  
**LABORATORIES, INC.**  
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**SUBCONTRACTING.** STL shall have the right to subcontract any and all services, duties, and obligations hereunder, in whole or in part with the consent of the Customer in a timely response which shall not be unreasonably refused. Subcontractor shall be bound by the same Terms of performance as STL.

**BILLING.** All fees are charged or billed directly to the Customer. The billing of a third party will not be accepted without a statement, signed by the third party, which acknowledges and accepts payment responsibility.

**PAYMENT.** Payment in advance is required for all Customers except those whose credit has been established with STL. Customers with STL approved credit, terms are Net 30 days, after which time a 1-1/2% per month late charge is added to all unpaid balances. Failure of the Customer to pay according to Terms gives STL the right to withhold delivery of future data until all past due invoices have been settled. Customer shall pay all costs and expenses incident to the collection of past due amounts, including reasonable attorney's fees. No retainage of fees by the customer is allowed without the consent of STL.

**MODIFICATIONS.** If the sample received is of unknown character than in the original quote, or if due to the composition of the sample the original procedure specified is not practicable or likely to produce reliable results. Customer will be promptly notified. Modified procedures will be suggested and STL may quote new prices for such modifications. Upon agreement of such modification, the original quote shall be deemed amended and the samples in question shall be deemed to have been received.

**TIME OF PERFORMANCE.** STL will use its best efforts to comply with storage, processing and analytical time limits requested by the Customer. Unless specifically agreed to in writing between STL and Customer, the time performance of any testing or other services performed by STL under this agreement is not guaranteed and STL shall have no liability for failure to perform such services within the time requested. Quick turnaround times are available at a premium cost which will be defined in the quote, providing STL workload availability.

**LIMITATION OF DAMAGES.** STL is not an insurer of services rendered and the payments mentioned are based solely on the value of the services provided pursuant to this agreement. STL's liability to the Customer and the Customer's exclusive remedy for any cause of action alleged against STL, whether based in contract, tort, or otherwise, shall be limited solely to the amount paid by the Customer for the services performed. In no event shall STL be liable for incidental or consequential damages including, without limitation, business interruption, loss of use, or loss of profits incurred by the Customer, its subsidiaries, affiliates, successors or assigns, arising out of or related to this agreement or the performance of services hereunder.

**WARRANTY.** STL makes no warranty or representation, express or implied, or guarantee of results from the performance of services pursuant to this Agreement. Any information, recommendation, interpretation, or opinion by STL is

based upon inferences and assumptions which are subject to error, and with respect to which analysis may differ. Accordingly, STL does not assume any liability with respect to the use of, or for damages resulting from the use of, any information, data, test results, analysis, apparatus, method, or process disclosed by STL. STL makes no presentation or warranty of any kind, including but not limited to, the warranties of fitness for a particular purpose or merchantability, nor are any such warranties to be implied with respect to the data or service furnished. STL assumes no responsibility with respect to Customer's use thereof.

**LIMITATION ACTION.** No action, regardless of form, arising out of or brought in connection with any services provided under this Agreement may be brought by the Customer more than one year after the performance of said services by STL. It is expressly agreed that STL shall have no liability to Customer unless that liability arises out of the willful misconduct or gross negligence of STL or its duly authorized employees.

**CONFIDENTIALITY.** Data and the sample materials provided by Customer or at Customer's request and the result obtained by STL shall be held in confidence (unless such information is generally available to the public or is in the public domain or Customer has failed to pay STL for all services rendered or is otherwise in breach of this Agreement) subject to any disclosure required by law or legal process. STL's reports and the data and information provided therein are for the exclusive use and benefit of Customer and Customer agrees there shall be no third party beneficiary of such reports, data, or information. Customer will not disclose to any third party any information concerning STL's technical information, software programs, or other formulations.

**SEVERABILITY.** The provisions of this Agreement shall be severable, and if any clause, sentence, paragraph, provision or other part hereof shall be adjudged by any court of competent jurisdiction to be invalid, such judgment shall not affect, impair or invalidate the remainder hereof, which remainder shall continue in full force and effect.

**WAIVER.** No waiver by either party of any breach, default or violation of any term, warranty, representation, agreement, covenant, condition or provision hereof shall constitute a waiver of any subsequent breach, default or violation of the same or any other term, warranty, representation, agreement, covenant, condition or provision hereof. All waivers must be in writing.

**FORCE MAJEURE.** Obligation of either party under this Agreement shall be suspended, and such party shall not be liable for damages or other remedies while such party is prevented from complying therewith, in whole or in part, due to contingencies beyond its reasonable control, including, but not limited to, strikes, riots, war, fire, act of God, injunction, compliance with any law, regulation or order, whether valid or invalid, of the United States of America or any other governmental body or any instrumentality, matrix interference or unknown highly contaminated samples that impact instrument operations thereof, whether now existing or hereafter created, inability to secure materials or obtain necessary permits, provided, however, the party so prevented from complying with its obligations hereunder shall promptly notify the other party thereof.

**LITIGATION.** All costs associated with compliance to any subpoena for documents, for testimony in court of law, or for any other purpose relating to work performed by STL, in connection with work performed for the Customer, shall be paid by the Customer. Such costs shall include, but are not limited to, hourly charges for persons involved in responding to subpoenas, travel and accommodations, mileage, attorney's preparation of testifier and advice of counsel in connection with response to subpoenas, and all other expenses deemed reasonable and associated with said litigation.

**HAZARDOUS WASTE.** Unused portions of samples found or suspected to be hazardous according to state or federal guidelines may be returned to the Customer upon completion of the analytical work. The cost of returning the sample may be invoiced to the Customer. The sample portions thereof remain the property of the Customer at all times. All radioactive or dioxin containing samples will be returned to the sampling site or to the Customer at the Customer's expense.

**RETENTION OF SAMPLES.** All routine samples are retained in our storage facilities for 30 days after report generation unless prior arrangements have been made. Samples may be held longer per Customer's request for an additional fee.

**RETENTION OF REPORTS.** STL shall retain copies of analytical reports for a period of 5 years after report date, after which such reports may be destroyed or returned to the Customer at Customer's expense. If Customer requests additional copies of such analytical reports during the retention period, an additional charge will apply for the preparation and printing of such reports.

**COMPLIANCE WITH LAW.** In the performance of all services to be provided hereunder, STL and Customer agree to comply with all applicable Federal, State and local laws and ordinances and all lawful orders, rules and regulations of any constituted authority.

**APPLICABLE LAW.** The validity, performance and construction of this Agreement shall be governed by and construed in accordance with the laws of the State of Delaware.

**STL - LOS ANGELES**  
**PROJECT RECEIPT CHECKLIST**

Date: 10-25-2000

Quantims Lot #: EOY250 276

Quote #: 38629

Client Name: Kennedy Jenks

Project: \_\_\_\_\_

Received by: Adriana R

Date/Time Received: 10/25 1600

Delivered by :  Client ,  Airborne  Fed Ex

DHL  Ultra-Ex  Rey B.

UPS

DES

Other Mike

Initial / Date

RS <sup>10/25</sup>

Custody Seal Status:  Intact  Broken  None .....

Custody Seal #(s): \_\_\_\_\_  No Seal # .....

Sample Container(s):  STL-LA  Client  N/A .....

Temperature(s) (COOLER/BLANK) in °C: #1 4°C / #2 15°C \*CORRECTED TEMP.....

Thermometer Used :  IR (Infra-red)  Digital (Probe) .....

Samples:  Intact  Broken  Other .....

Anomalies:  No  Yes (See Clouseau) .....

Labeled by .....

Labeling checked by .....

Turn Around Time:  RUSH-24HR  RUSH-48HR  RUSH-72HR  NORMAL .....

Short-Hold Notification:  Ph  Wet Chem  Metals (Filter/Pres)  Encore  N/A .....

Outside Analysis(es) (Test/Lab/Date Sent Out):  
.....  
.....  
.....  
.....  
.....

..... LEAVE NO BLANK SPACES ; USE N/A .....

Fraction	1-23	24	25							PH
VOAh P	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>							N/A
sleeve	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>							
WAS NOT RECEIVED!										

A: HCl      B: Sodium Hydroxide      C: Zinc Acetate/Sodium Hydroxide      D: H2SO4      E: HNO3      F: HNO3-Fidd Filtered      G: HNO3-Lab Filtered  
CGJ: Clear Glass Jar      CGB: Clear Glass Bottle      AGJ: Amber Glass Jar      AGB: Amber Glass Bottle      PB: Poly Bottle      E: Encore Sampler      V: VOA

\* Number of VOA's w/ Headspace present

LOGGED BY/DATE: Linnea Coffey 10/25/00 REVIEWED BY/DATE: JG 10/27/00

\* See COC  
000006

STL Los Angeles  
Condition Upon Receipt Anomaly Report (CUR)



Client: Kennedy Jenkins  
Lot No: E07 250276

Date/Time 10-25-2000 16:00  
Initiated by: Roger Swooke

Affected samples	Chain of Custody #	
Client ID	Lab ID	Analyses Requested

CONDITION/ANOMALY/VARIANCE (CHECK ALL THAT APPLY):

<ul style="list-style-type: none"> <li>• COOLERS           <ul style="list-style-type: none"> <li><input type="checkbox"/> Not Received, No (COC)</li> <li><input type="checkbox"/> Not Received but COC (s) Available</li> <li><input type="checkbox"/> Leaking</li> <li><input type="checkbox"/> Other: _____</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• CUSTODY SEALS (COOLER(S)/CONTAINER(S))           <ul style="list-style-type: none"> <li><input type="checkbox"/> None</li> <li><input type="checkbox"/> Not Intact</li> <li><input type="checkbox"/> Other: _____</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>• TEMPERATURE (SPECS <math>4 \pm 2^\circ\text{C}</math>)           <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Cooler Temp(s) <u><math>13^\circ\text{C} \pm 2^\circ\text{C}</math></u></li> <li><input type="checkbox"/> Temperature Blank(s) _____</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• CHAIN OF CUSTODY (COC)           <ul style="list-style-type: none"> <li><input type="checkbox"/> Not relinquished by Client; No date/time relinquished</li> <li><input type="checkbox"/> Incomplete information provided</li> <li><input type="checkbox"/> Other: _____</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>• CONTAINERS           <ul style="list-style-type: none"> <li><input type="checkbox"/> Leaking</li> <li><input type="checkbox"/> Broken</li> <li><input type="checkbox"/> Extra</li> <li><input type="checkbox"/> Without Labels</li> <li><input type="checkbox"/> VOA Vials with Headspace _____ mm</li> <li><input type="checkbox"/> Other: _____</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• CONTAINERS LABELS           <ul style="list-style-type: none"> <li><input type="checkbox"/> Not the same ID/info as in COC</li> <li><input type="checkbox"/> Incomplete Information               <ul style="list-style-type: none"> <li><input type="checkbox"/> Preservative</li> <li><input type="checkbox"/> Collection _____ Time _____ Date</li> </ul> </li> <li><input type="checkbox"/> Markings/Info illegible</li> <li><input type="checkbox"/> Torn</li> <li><input type="checkbox"/> Other: _____</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>• SAMPLES           <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Samples NOT RECEIVED but listed on COC</li> <li><input type="checkbox"/> Samples received but NOT LISTED on COC</li> <li><input type="checkbox"/> Logged based on Label Information</li> <li><input type="checkbox"/> Logged based on info from other samples on COC</li> <li><input type="checkbox"/> Logged according to Work Plan</li> <li><input type="checkbox"/> Logged on HOLD UNTIL FURTHER NOTICE</li> <li><input type="checkbox"/> Other: _____</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Will be noted on COC—Client to send samples with new COC</li> <li><input type="checkbox"/> Mislabeled as to tests, preservatives, etc.</li> <li><input type="checkbox"/> Holding time expired</li> <li><input type="checkbox"/> Improper container used</li> <li><input type="checkbox"/> Not preserved/Improper preservative used</li> <li><input type="checkbox"/> Improper pH _____ Lab to preserve sample and document</li> <li><input type="checkbox"/> Insufficient quantities for analysis</li> </ul>

Comments C-2 - 10/25 RINSATE and TRIP BLANKS WERE NOT RECEIVED  
Cooler was 12°C upon arrival / no ice .

Corrective Action Implemented:

Client Informed: verbally on \_\_\_\_\_ By: \_\_\_\_\_ In writing on \_\_\_\_\_ By: \_\_\_\_\_  
 Sample(s) processed "as is." \_\_\_\_\_  
 Sample(s) on hold until: \_\_\_\_\_ If released, notify: \_\_\_\_\_

Sample Control Supervisor Review:

Date:

Project Management Review:

Date:

10/27/00

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

## EXECUTIVE SUMMARY - Detection Highlights

E0J250276

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
<b>C-2-247-1 10/25/00 08:10 001</b>				
C24-C27	7.6 J	10	mg/kg	SW846 8015B
C28-C31	10	10	mg/kg	SW846 8015B
C32-C35	16	10	mg/kg	SW846 8015B
Total Carbon Chain Range	59	10	mg/kg	SW846 8015B
C6-C8	0.26 J,B	1.0	mg/kg	SW846 8015B
Aluminum	26600	20.0	mg/kg	SW846 6010B
Arsenic	4.4	1.0	mg/kg	SW846 6010B
Antimony	0.97 B	6.0	mg/kg	SW846 6010B
Barium	178	2.0	mg/kg	SW846 6010B
Cadmium	0.76	0.50	mg/kg	SW846 6010B
Chromium	30.1	1.0	mg/kg	SW846 6010B
Beryllium	0.71	0.50	mg/kg	SW846 6010B
Lead	7.1	0.50	mg/kg	SW846 6010B
Cobalt	11.0	5.0	mg/kg	SW846 6010B
Copper	24.5	2.5	mg/kg	SW846 6010B
Molybdenum	1.4 B	4.0	mg/kg	SW846 6010B
Nickel	21.6	4.0	mg/kg	SW846 6010B
Thallium	1.3	1.0	mg/kg	SW846 6010B
Vanadium	59.2	5.0	mg/kg	SW846 6010B
Zinc	63.0	2.0	mg/kg	SW846 6010B
<b>C-2-247-5 10/25/00 08:15 002</b>				
C6-C8	0.26 J,B	1.0	mg/kg	SW846 8015B
Aluminum	18300	20.0	mg/kg	SW846 6010B
Arsenic	3.0	1.0	mg/kg	SW846 6010B
Antimony	0.35 B	6.0	mg/kg	SW846 6010B
Barium	118	2.0	mg/kg	SW846 6010B
Cadmium	0.65	0.50	mg/kg	SW846 6010B
Chromium	21.9	1.0	mg/kg	SW846 6010B
Beryllium	0.57	0.50	mg/kg	SW846 6010B
Lead	5.4	0.50	mg/kg	SW846 6010B
Cobalt	10.7	5.0	mg/kg	SW846 6010B
Copper	16.8	2.5	mg/kg	SW846 6010B
Molybdenum	1.0 B	4.0	mg/kg	SW846 6010B
Nickel	13.7	4.0	mg/kg	SW846 6010B
Vanadium	44.4	5.0	mg/kg	SW846 6010B
Zinc	42.4	2.0	mg/kg	SW846 6010B

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## EXECUTIVE SUMMARY - Detection Highlights

E0J250276

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
<b>C-2-247-10 10/25/00 08:23 003</b>				
C16-C17	5.9 J	10	mg/kg	SW846 8015B
C18-C19	8.5 J	10	mg/kg	SW846 8015B
C20-C23	12	10	mg/kg	SW846 8015B
C24-C27	16	10	mg/kg	SW846 8015B
C28-C31	27	10	mg/kg	SW846 8015B
C32-C35	33	10	mg/kg	SW846 8015B
C36-C39	6.1 J	10	mg/kg	SW846 8015B
Total Carbon Chain Range	120	10	mg/kg	SW846 8015B
C6-C8	0.25 J,B	1.0	mg/kg	SW846 8015B
<b>C-2-248-1 10/25/00 08:40 004</b>				
C24-C27	7.4 J	10	mg/kg	SW846 8015B
C28-C31	11	10	mg/kg	SW846 8015B
Total Carbon Chain Range	40	10	mg/kg	SW846 8015B
C6-C8	0.26 J,B	1.0	mg/kg	SW846 8015B
Aluminum	14600	20.0	mg/kg	SW846 6010B
Arsenic	1.9	1.0	mg/kg	SW846 6010B
Antimony	0.57 B	6.0	mg/kg	SW846 6010B
Barium	102	2.0	mg/kg	SW846 6010B
Cadmium	0.47 B	0.50	mg/kg	SW846 6010B
Chromium	17.2	1.0	mg/kg	SW846 6010B
Beryllium	0.40 B	0.50	mg/kg	SW846 6010B
Lead	4.5	0.50	mg/kg	SW846 6010B
Cobalt	5.5	5.0	mg/kg	SW846 6010B
Copper	14.6	2.5	mg/kg	SW846 6010B
Molybdenum	0.75 B	4.0	mg/kg	SW846 6010B
Nickel	9.6	4.0	mg/kg	SW846 6010B
Vanadium	33.6	5.0	mg/kg	SW846 6010B
Zinc	45.3	2.0	mg/kg	SW846 6010B
<b>C-2-248-5 10/25/00 08:45 005</b>				
C6-C8	0.24 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.024 B	0.10	mg/kg	SW846 7471A
Aluminum	18100	20.0	mg/kg	SW846 6010B
Arsenic	3.2	1.0	mg/kg	SW846 6010B
Antimony	0.57 B	6.0	mg/kg	SW846 6010B
Barium	196	2.0	mg/kg	SW846 6010B
Cadmium	0.77	0.50	mg/kg	SW846 6010B
Chromium	21.9	1.0	mg/kg	SW846 6010B
Beryllium	0.57	0.50	mg/kg	SW846 6010B
Lead	5.2	0.50	mg/kg	SW846 6010B

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## EXECUTIVE SUMMARY - Detection Highlights

E0J250276

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
<b>C-2-248-5 10/25/00 08:45 005</b>				
Cobalt	9.3	5.0	mg/kg	SW846 6010B
Copper	17.0	2.5	mg/kg	SW846 6010B
Molybdenum	0.70 B	4.0	mg/kg	SW846 6010B
Nickel	12.7	4.0	mg/kg	SW846 6010B
Vanadium	40.0	5.0	mg/kg	SW846 6010B
Zinc	47.9	2.0	mg/kg	SW846 6010B
<b>C-2-248-10 10/25/00 08:50 006</b>				
Total Carbon Chain Range	6.5 J	10	mg/kg	SW846 8015B
C6-C8	0.25 J,B	1.0	mg/kg	SW846 8015B
<b>C-2-249-5 10/25/00 09:00 007</b>				
C6-C8	0.25 J,B	1.0	mg/kg	SW846 8015B
Aluminum	30200	20.0	mg/kg	SW846 6010B
Arsenic	3.6	1.0	mg/kg	SW846 6010B
Antimony	0.86 B	6.0	mg/kg	SW846 6010B
Barium	167	2.0	mg/kg	SW846 6010B
Cadmium	1.2	0.50	mg/kg	SW846 6010B
Chromium	27.6	1.0	mg/kg	SW846 6010B
Beryllium	0.75	0.50	mg/kg	SW846 6010B
Lead	7.0	0.50	mg/kg	SW846 6010B
Cobalt	11.7	5.0	mg/kg	SW846 6010B
Copper	27.1	2.5	mg/kg	SW846 6010B
Molybdenum	1.5 B	4.0	mg/kg	SW846 6010B
Nickel	17.7	4.0	mg/kg	SW846 6010B
Vanadium	54.6	5.0	mg/kg	SW846 6010B
Zinc	88.3	2.0	mg/kg	SW846 6010B
<b>C-2-249-10 10/25/00 09:10 008</b>				
Aluminum	29900	20.0	mg/kg	SW846 6010B
Arsenic	5.9	1.0	mg/kg	SW846 6010B
Antimony	0.88 B	6.0	mg/kg	SW846 6010B
Barium	204	2.0	mg/kg	SW846 6010B
Cadmium	2.2	0.50	mg/kg	SW846 6010B
Chromium	28.8	1.0	mg/kg	SW846 6010B
Beryllium	0.88	0.50	mg/kg	SW846 6010B
Lead	6.8	0.50	mg/kg	SW846 6010B
Cobalt	15.7	5.0	mg/kg	SW846 6010B
Copper	34.0	2.5	mg/kg	SW846 6010B
Molybdenum	2.5 B	4.0	mg/kg	SW846 6010B

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## EXECUTIVE SUMMARY - Detection Highlights

E0J250276

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
C-2-249-10 10/25/00 09:10 008				
Nickel	19.3	4.0	mg/kg	SW846 6010B
Thallium	1.0	1.0	mg/kg	SW846 6010B
Vanadium	65.5	5.0	mg/kg	SW846 6010B
Zinc	87.6	2.0	mg/kg	SW846 6010B
C-2-250-5 10/25/00 09:15 009				
C6-C8	0.26 J,B	1.0	mg/kg	SW846 8015B
Aluminum	37500	20.0	mg/kg	SW846 6010B
Arsenic	5.2	1.0	mg/kg	SW846 6010B
Antimony	0.73 B	6.0	mg/kg	SW846 6010B
Barium	204	2.0	mg/kg	SW846 6010B
Cadmium	1.6	0.50	mg/kg	SW846 6010B
Chromium	31.0	1.0	mg/kg	SW846 6010B
Beryllium	0.97	0.50	mg/kg	SW846 6010B
Lead	6.8	0.50	mg/kg	SW846 6010B
Cobalt	13.4	5.0	mg/kg	SW846 6010B
Copper	34.8	2.5	mg/kg	SW846 6010B
Molybdenum	2.5 B	4.0	mg/kg	SW846 6010B
Nickel	20.7	4.0	mg/kg	SW846 6010B
Vanadium	59.1	5.0	mg/kg	SW846 6010B
Zinc	104	2.0	mg/kg	SW846 6010B
C-2-250-10 10/25/00 09:30 010				
Aluminum	34900	20.0	mg/kg	SW846 6010B
Arsenic	5.1	1.0	mg/kg	SW846 6010B
Antimony	0.36 B	6.0	mg/kg	SW846 6010B
Barium	102	2.0	mg/kg	SW846 6010B
Cadmium	1.0	0.50	mg/kg	SW846 6010B
Chromium	27.2	1.0	mg/kg	SW846 6010B
Beryllium	0.81	0.50	mg/kg	SW846 6010B
Lead	5.9	0.50	mg/kg	SW846 6010B
Cobalt	14.3	5.0	mg/kg	SW846 6010B
Copper	31.9	2.5	mg/kg	SW846 6010B
Molybdenum	2.1 B	4.0	mg/kg	SW846 6010B
Nickel	19.7	4.0	mg/kg	SW846 6010B
Vanadium	61.5	5.0	mg/kg	SW846 6010B
Zinc	97.2	2.0	mg/kg	SW846 6010B

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## EXECUTIVE SUMMARY - Detection Highlights

E0J250276

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
<b>C-2-251-5 10/25/00 10:05 011</b>				
C6-C8	0.25 J,B	1.0	mg/kg	SW846 8015B
Aluminum	35100	20.0	mg/kg	SW846 6010B
Arsenic	4.6	1.0	mg/kg	SW846 6010B
Antimony	0.77 B	6.0	mg/kg	SW846 6010B
Barium	146	2.0	mg/kg	SW846 6010B
Cadmium	0.87	0.50	mg/kg	SW846 6010B
Chromium	29.0	1.0	mg/kg	SW846 6010B
Beryllium	0.84	0.50	mg/kg	SW846 6010B
Lead	7.8	0.50	mg/kg	SW846 6010B
Cobalt	12.6	5.0	mg/kg	SW846 6010B
Copper	25.5	2.5	mg/kg	SW846 6010B
Molybdenum	1.4 B	4.0	mg/kg	SW846 6010B
Nickel	20.5	4.0	mg/kg	SW846 6010B
Vanadium	53.0	5.0	mg/kg	SW846 6010B
Zinc	80.4	2.0	mg/kg	SW846 6010B
Tetrachloroethene	28	5.0	ug/kg	SW846 8260B
<b>C-2-251-10 10/25/00 10:15 012</b>				
C6-C8	0.24 J,B	1.0	mg/kg	SW846 8015B
<b>C-2-251-15 10/25/00 10:35 013</b>				
C6-C8	0.25 J,B	1.0	mg/kg	SW846 8015B
<b>C-2-253-5 10/25/00 13:30 015</b>				
C6-C8	0.24 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.031 B	0.10	mg/kg	SW846 7471A
Aluminum	24700	20.0	mg/kg	SW846 6010B
Arsenic	2.8	1.0	mg/kg	SW846 6010B
Antimony	0.72 B	6.0	mg/kg	SW846 6010B
Barium	109	2.0	mg/kg	SW846 6010B
Cadmium	0.64	0.50	mg/kg	SW846 6010B
Chromium	26.3	1.0	mg/kg	SW846 6010B
Beryllium	0.68	0.50	mg/kg	SW846 6010B
Lead	5.1	0.50	mg/kg	SW846 6010B
Cobalt	10.9	5.0	mg/kg	SW846 6010B
Copper	16.0	2.5	mg/kg	SW846 6010B
Molybdenum	0.69 B	4.0	mg/kg	SW846 6010B
Nickel	18.5	4.0	mg/kg	SW846 6010B
Vanadium	51.3	5.0	mg/kg	SW846 6010B
Zinc	46.7	2.0	mg/kg	SW846 6010B

(Continued on next page)

000012

## EXECUTIVE SUMMARY - Detection Highlights

E0J250276

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
C-2-253-5 10/25/00 13:30 015				
Trichloroethene	23	5.0	ug/kg	SW846 8260B
C-2-253-10 10/25/00 13:40 016				
C6-C8	0.28 J, B	1.0	mg/kg	SW846 8015B
C-2-253-15 10/25/00 13:50 017				
C6-C8	0.25 J, B	1.0	mg/kg	SW846 8015B
C-2-255-5 10/25/00 14:10 018				
C10-C11	6.0 J	10	mg/kg	SW846 8015B
C12-C13	18	10	mg/kg	SW846 8015B
C14-C15	30	10	mg/kg	SW846 8015B
C16-C17	33	10	mg/kg	SW846 8015B
C18-C19	26	10	mg/kg	SW846 8015B
C20-C23	17	10	mg/kg	SW846 8015B
C24-C27	14	10	mg/kg	SW846 8015B
C28-C31	18	10	mg/kg	SW846 8015B
C32-C35	23	10	mg/kg	SW846 8015B
Total Carbon Chain Range	190	10	mg/kg	SW846 8015B
C6-C8	0.26 J, B	1.0	mg/kg	SW846 8015B
Aluminum	26600	20.0	mg/kg	SW846 6010B
Arsenic	4.6	1.0	mg/kg	SW846 6010B
Antimony	0.34 B	6.0	mg/kg	SW846 6010B
Barium	178	2.0	mg/kg	SW846 6010B
Cadmium	0.90	0.50	mg/kg	SW846 6010B
Chromium	30.2	1.0	mg/kg	SW846 6010B
Beryllium	0.71	0.50	mg/kg	SW846 6010B
Lead	8.6	0.50	mg/kg	SW846 6010B
Cobalt	13.8	5.0	mg/kg	SW846 6010B
Copper	41.2	2.5	mg/kg	SW846 6010B
Molybdenum	1.4 B	4.0	mg/kg	SW846 6010B
Nickel	23.2	4.0	mg/kg	SW846 6010B
Vanadium	63.2	5.0	mg/kg	SW846 6010B
Zinc	68.9	2.0	mg/kg	SW846 6010B
Trichloroethene	27	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	10	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	3.0 J	5.0	ug/kg	SW846 8260B
Xylenes (total)	3.7 J	5.0	ug/kg	SW846 8260B

(Continued on next page)

000013

## EXECUTIVE SUMMARY - Detection Highlights

E0J250276

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
C-2-255-10 10/25/00 14:15 019				
Trichloroethene	38	5.0	ug/kg	SW846 8260B
C-2-256-5 10/25/00 14:35 020				
C12-C13	6.2 J	10	mg/kg	SW846 8015B
C14-C15	8.0 J	10	mg/kg	SW846 8015B
C16-C17	17	10	mg/kg	SW846 8015B
C18-C19	21	10	mg/kg	SW846 8015B
C20-C23	26	10	mg/kg	SW846 8015B
C24-C27	29	10	mg/kg	SW846 8015B
C28-C31	36	10	mg/kg	SW846 8015B
C32-C35	50	10	mg/kg	SW846 8015B
C36-C39	29	10	mg/kg	SW846 8015B
Total Carbon Chain Range	230	10	mg/kg	SW846 8015B
C6-C8	0.25 J,B	1.0	mg/kg	SW846 8015B
Aluminum	33000	20.0	mg/kg	SW846 6010B
Arsenic	4.0	1.0	mg/kg	SW846 6010B
Antimony	0.71 B	6.0	mg/kg	SW846 6010B
Barium	181	2.0	mg/kg	SW846 6010B
Cadmium	0.87	0.50	mg/kg	SW846 6010B
Chromium	32.9	1.0	mg/kg	SW846 6010B
Beryllium	0.87	0.50	mg/kg	SW846 6010B
Lead	6.6	0.50	mg/kg	SW846 6010B
Cobalt	12.0	5.0	mg/kg	SW846 6010B
Copper	19.8	2.5	mg/kg	SW846 6010B
Molybdenum	0.90 B	4.0	mg/kg	SW846 6010B
Nickel	24.3	4.0	mg/kg	SW846 6010B
Vanadium	64.6	5.0	mg/kg	SW846 6010B
Zinc	58.6	2.0	mg/kg	SW846 6010B
C-2-257-5 10/25/00 15:00 022				
C6-C8	0.25 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.031 B	0.10	mg/kg	SW846 7471A
Aluminum	21700	20.0	mg/kg	SW846 6010B
Arsenic	2.9	1.0	mg/kg	SW846 6010B
Antimony	0.65 B	6.0	mg/kg	SW846 6010B
Barium	124	2.0	mg/kg	SW846 6010B
Cadmium	0.56	0.50	mg/kg	SW846 6010B
Chromium	23.8	1.0	mg/kg	SW846 6010B
Beryllium	0.63	0.50	mg/kg	SW846 6010B
Lead	5.2	0.50	mg/kg	SW846 6010B
Cobalt	9.9	5.0	mg/kg	SW846 6010B

(Continued on next page)

000014

## **EXECUTIVE SUMMARY - Detection Highlights**

E0J250276

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
C-2-257-5 10/25/00 15:00 022				
Copper	17.5	2.5	mg/kg	SW846 6010B
Molybdenum	0.55 B	4.0	mg/kg	SW846 6010B
Nickel	16.2	4.0	mg/kg	SW846 6010B
Vanadium	45.7	5.0	mg/kg	SW846 6010B
Zinc	44.5	2.0	mg/kg	SW846 6010B

000015

## METHODS SUMMARY

E0J250276

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
Extractable Petroleum Hydrocarbons	SW846 8015B	SANA AUTO-SHAKE
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
PCBs by SW-846 8082	SW846 8082	SW846 3550
Volatile Organics by GC/MS	SW846 8260B	SW846 5030
Volatile Petroleum Hydrocarbons	SW846 8015B	SW846 5030

**References:**

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

000016

BOE-C6-0168331

## SAMPLE SUMMARY

E0J250276

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
DNRCJ	001	C-2-247-1	10/25/00	08:10
DNRCN	002	C-2-247-5	10/25/00	08:15
DNRCP	003	C-2-247-10	10/25/00	08:23
DNRCQ	004	C-2-248-1	10/25/00	08:40
DNRCR	005	C-2-248-5	10/25/00	08:45
DNRCT	006	C-2-248-10	10/25/00	08:50
DNRCW	007	C-2-249-5	10/25/00	09:00
DNRCX	008	C-2-249-10	10/25/00	09:10
DNRC0	009	C-2-250-5	10/25/00	09:15
DNRC1	010	C-2-250-10	10/25/00	09:30
DNRC3	011	C-2-251-5	10/25/00	10:05
DNRC4	012	C-2-251-10	10/25/00	10:15
DNRC5	013	C-2-251-15	10/25/00	10:35
DNRC6	014	C-2-252-2	10/25/00	10:50
DNRC8	015	C-2-253-5	10/25/00	13:30
DNRC9	016	C-2-253-10	10/25/00	13:40
DNRDA	017	C-2-253-15	10/25/00	13:50
DNRDC	018	C-2-255-5	10/25/00	14:10
DNRDD	019	C-2-255-10	10/25/00	14:15
DNRDE	020	C-2-256-5	10/25/00	14:35
DNRDF	021	C-2-256-10	10/25/00	14:40
DNRDG	022	C-2-257-5	10/25/00	15:00
DNRDH	023	C-2-257-10	10/25/00	15:07

### NOTE (S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

000017

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-247-1

## GC Semivolatiles

Lot-Sample #....: E0J250276-001 Work Order #....: DNRCJ1AA Matrix.....: SOLID  
 Date Sampled....: 10/25/00 08:10 Date Received...: 10/25/00 16:00 MS Run #.....: 0301214  
 Prep Date.....: 10/26/00 Analysis Date...: 11/14/00  
 Prep Batch #....: 0300537 Analysis Time...: 00:35  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 356074 Instrument ID...: G03  
 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	7.6 J	10	mg/kg	5.0
C28-C31	10	10	mg/kg	5.0
C32-C35	16	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	59	10	mg/kg	5.0
<u>SURROGATE</u>		<u>PERCENT</u>	<u>RECOVERY</u>	
Benzo (a) pyrene		RECOVERY	LIMITS	
		99	(60 - 130)	

## NOTE (S) :

J Estimated result. Result is less than RL.

000018

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-247-1

## GC Volatiles

Lot-Sample #....: E0J250276-001 Work Order #....: DNRCJ1AC Matrix.....: SOLID  
Date Sampled....: 10/25/00 08:10 Date Received..: 10/25/00 16:00 MS Run #.....: 0307127  
Prep Date.....: 10/27/00 Analysis Date...: 10/27/00  
Prep Batch #....: 0304500 Analysis Time...: 05:00  
Dilution Factor: 1  
% Moisture.....:  
Analyst ID.....: 001464 Instrument ID...: G15  
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C6-C8	0.26 J,B	1.0	mg/kg	0.10
SURROGATE		PERCENT	RECOVERY	
a,a,a-Trifluorotoluene (TFT)		RECOVERY	LIMITS	
		111	(60 - 130)	

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

000019

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-247-5

## GC Semivolatiles

Lot-Sample #....: E0J250276-002 Work Order #....: DNRCN1AA Matrix.....: SOLID  
 Date Sampled....: 10/25/00 08:15 Date Received...: 10/25/00 16:00 MS Run #.....: 0301214  
 Prep Date.....: 10/26/00 Analysis Date...: 11/14/00  
 Prep Batch #....: 0300537 Analysis Time...: 02:33  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 356074 Instrument ID..: G03  
 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
SURROGATE	PERCENT	RECOVERY		
		RECOVERY	LIMITS	
Benzo(a)pyrene	93	(60 - 130)		

000020

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-247-5

## GC Volatiles

Lot-Sample #....: E0J250276-002 Work Order #....: DNRCN1AC Matrix.....: SOLID  
Date Sampled....: 10/25/00 08:15 Date Received...: 10/25/00 16:00 MS Run #.....: 0307127  
Prep Date.....: 10/27/00 Analysis Date...: 10/27/00  
Prep Batch #....: 0304500 Analysis Time...: 05:27  
Dilution Factor: 1  
% Moisture.....:  
Analyst ID.....: 001464 Instrument ID..: G15  
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C6-C8	0.26 J,B	1.0	mg/kg	0.10
SURROGATE	PERCENT RECOVERY			RECOVERY
a,a,a-Trifluorotoluene (TFT)	112			LIMITS (60 - 130)

NOTE (S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

000021

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-247-10

## GC Semivolatiles

Lot-Sample #....: E0J250276-003 Work Order #....: DNRCPIAA Matrix.....: SOLID  
 Date Sampled....: 10/25/00 08:23 Date Received...: 10/25/00 16:00 MS Run #.....: 0301214  
 Prep Date.....: 10/26/00 Analysis Date...: 11/14/00  
 Prep Batch #....: 0300537 Analysis Time...: 05:10  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 356074 Instrument ID...: G03  
 Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	5.9 J	10	mg/kg	5.0
C18-C19	8.5 J	10	mg/kg	5.0
C20-C23	12	10	mg/kg	5.0
C24-C27	16	10	mg/kg	5.0
C28-C31	27	10	mg/kg	5.0
C32-C35	33	10	mg/kg	5.0
C36-C39	6.1 J	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	120	10	mg/kg	5.0
SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Benzo(a)pyrene	99		(60 - 130)	

## NOTE (S) :

J Estimated result. Result is less than RL.

000022

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-247-10

## GC Volatiles

Lot-Sample #....: E0J250276-003 Work Order #....: DNRCP1AC Matrix.....: SOLID  
Date Sampled....: 10/25/00 08:23 Date Received...: 10/25/00 16:00 MS Run #.....: 0307127  
Prep Date.....: 10/27/00 Analysis Date...: 10/27/00  
Prep Batch #....: 0304500 Analysis Time...: 05:54  
Dilution Factor: 1  
% Moisture.....: Analyst ID.....: 001464 Instrument ID...: G15  
Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C6-C8	0.25 J,B	1.0	mg/kg	0.10
SURROGATE		PERCENT RECOVERY LIMITS		
a,a,a-Trifluorotoluene (TFT)		(60 - 130)		

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

000023

BOE-C6-0168338

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-248-1

## GC Semivolatiles

Lot-Sample #....: E0J250276-004 Work Order #....: DNRCQ1AA Matrix.....: SOLID  
 Date Sampled....: 10/25/00 08:40 Date Received...: 10/25/00 16:00 MS Run #.....: 0301214  
 Prep Date.....: 10/26/00 Analysis Date...: 11/14/00  
 Prep Batch #....: 0300537 Analysis Time...: 05:49  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 356074 Instrument ID...: G03  
 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	7.4 J	10	mg/kg	5.0
C28-C31	11	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	40	10	mg/kg	5.0
<u>SURROGATE</u>		<u>PERCENT</u>	<u>RECOVERY</u>	
Benzo(a)pyrene		RECOVERY	LIMITS	
		94	(60 - 130)	

## NOTE(S) :

J Estimated result. Result is less than RL.

000024

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-248-1

## GC Volatiles

Lot-Sample #....: E0J250276-004 Work Order #....: DNRCQ1AC Matrix.....: SOLID  
Date Sampled....: 10/25/00 08:40 Date Received...: 10/25/00 16:00 MS Run #.....: 0307127  
Prep Date.....: 10/27/00 Analysis Date...: 10/27/00  
Prep Batch #....: 0304500 Analysis Time...: 06:20  
Dilution Factor: 1  
% Moisture.....:  
Analyst ID.....: 001464 Instrument ID...: G15  
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C6-C8	0.26 J,B	1.0	mg/kg	0.10
SURROGATE	PERCENT RECOVERY			RECOVERY
a,a,a-Trifluorotoluene (TFT)	105	(60 - 130)		

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

000025

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-248-5

## GC Semivolatiles

Lot-Sample #....: E0J250276-005 Work Order #....: DNRCR1AA Matrix.....: SOLID  
 Date Sampled....: 10/25/00 08:45 Date Received...: 10/25/00 16:00 MS Run #.....: 0301214  
 Prep Date.....: 10/26/00 Analysis Date...: 11/14/00  
 Prep Batch #....: 0300537 Analysis Time...: 06:28  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 356074 Instrument ID...: G03  
 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
<u>SURROGATE</u>		<u>PERCENT</u>	<u>RECOVERY</u>	
Benzo(a)pyrene		96	LIMITS (60 - 130)	

000026

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-248-5

## GC Volatiles

Lot-Sample #....: E0J250276-005 Work Order #....: DNRCR1AC Matrix.....: SOLID  
 Date Sampled....: 10/25/00 08:45 Date Received...: 10/25/00 16:00 MS Run #.....: 0307127  
 Prep Date.....: 10/27/00 Analysis Date...: 10/27/00  
 Prep Batch #....: 0304500 Analysis Time...: 06:47  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 001464 Instrument ID...: G15  
 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>REPORTING</u>			
	<u>RESULT</u>	<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	0.24 J,B	1.0	mg/kg	0.10
<hr/>				
<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>		
a,a,a-Trifluorotoluene (TFT)	RECOVERY	<u>LIMITS</u>		
	113	(60 - 130)		

NOTE (S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

000027

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-248-10

## GC Semivolatiles

Lot-Sample #....: E0J250276-006 Work Order #....: DNRCT1AA Matrix.....: SOLID  
 Date Sampled....: 10/25/00 08:50 Date Received...: 10/25/00 16:00 MS Run #.....: 0301214  
 Prep Date.....: 10/26/00 Analysis Date...: 11/14/00  
 Prep Batch #....: 0300537 Analysis Time...: 09:16  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 356074 Instrument ID...: G03  
 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	6.5 J	10	mg/kg	5.0
<u>SURROGATE</u>	<u>PERCENT</u>	RECOVERY		
		<u>RECOVERY</u>	<u>LIMITS</u>	
Benzo(a)pyrene	100	(60 - 130)		

NOTE (S) :

J Estimated result. Result is less than RL.

000000

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-248-10

## GC Volatiles

Lot-Sample #....: E0J250276-006 Work Order #....: DNRCT1AC Matrix.....: SOLID  
Date Sampled....: 10/25/00 08:50 Date Received...: 10/25/00 16:00 MS Run #.....: 0307127  
Prep Date.....: 10/27/00 Analysis Date...: 10/27/00  
Prep Batch #....: 0304500 Analysis Time...: 07:13  
Dilution Factor: 1  
% Moisture.....:  
Analyst ID.....: 001464 Instrument ID..: G15  
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C6-C8	0.25 J,B	1.0	mg/kg	0.10
SURROGATE	PERCENT	RECOVERY		
a,a,a-Trifluorotoluene (TFT)	RECOVERY	LIMITS		
	109	(60 - 130)		

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

000029

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-249-5

## GC Semivolatiles

Lot-Sample #....: E0J250276-007 Work Order #....: DNRCW1AA Matrix.....: SOLID  
 Date Sampled....: 10/25/00 09:00 Date Received...: 10/25/00 16:00 MS Run #.....: 0301214  
 Prep Date.....: 10/26/00 Analysis Date...: 11/14/00  
 Prep Batch #....: 0300537 Analysis Time...: 09:56  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 356074 Instrument ID...: G03  
 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>REPORTING</u>			
	<u>RESULT</u>	<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>		
	<u>RECOVERY</u>	<u>LIMITS</u>		
Benzo (a) pyrene	116	(60 - 130)		

000030

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-249-5

## GC Volatiles

Lot-Sample #....: E0J250276-007 Work Order #....: DNRCW1AC Matrix.....: SOLID  
Date Sampled....: 10/25/00 09:00 Date Received...: 10/25/00 16:00 MS Run #.....: 0307127  
Prep Date.....: 10/27/00 Analysis Date...: 10/27/00  
Prep Batch #....: 0304500 Analysis Time...: 07:40  
Dilution Factor: 1  
% Moisture.....:  
Analyst ID.....: 001464 Instrument ID...: G15  
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C6-C8	0.25 J,B	1.0	mg/kg	0.10
SURROGATE	PERCENT	RECOVERY		
a,a,a-Trifluorotoluene (TFT)	RECOVERY	LIMITS		
	117	(60 - 130)		

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

000031

**KENNEDY/JENKS CONSULTANTS**

**Client Sample ID: C-2-250-5**

**GC Semivolatiles**

Lot-Sample #....: E0J250276-009 Work Order #....: DNRC01AA Matrix.....: SOLID  
Date Sampled....: 10/25/00 09:15 Date Received...: 10/25/00 16:00 MS Run #.....: 0301214  
Prep Date.....: 10/26/00 Analysis Date...: 11/14/00  
Prep Batch #....: 0300537 Analysis Time...: 10:35  
Dilution Factor: 1  
% Moisture.....:  
Analyst ID.....: 356074 Instrument ID..: G03  
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
	98	(60 - 130)		

000032

**KENNEDY/JENKS CONSULTANTS**

**Client Sample ID: C-2-250-5**

**GC Volatiles**

Lot-Sample #....: E0J250276-009 Work Order #....: DNRC01AC Matrix.....: SOLID  
Date Sampled....: 10/25/00 09:15 Date Received...: 10/25/00 16:00 MS Run #.....: 0307127  
Prep Date.....: 10/27/00 Analysis Date...: 10/27/00  
Prep Batch #....: 0304500 Analysis Time...: 08:06  
Dilution Factor: 1  
% Moisture.....: Analyst ID.....: 001464 Instrument ID...: G15  
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C6-C8	0.26 J,B	1.0	mg/kg	0.10
SURROGATE	PERCENT	RECOVERY		
a,a,a-Trifluorotoluene (TFT)	RECOVERY	LIMITS		
	108	(60 - 130)		

**NOTE(S) :**

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

000033

**BOE-C6-0168348**

**KENNEDY/JENKS CONSULTANTS**

**Client Sample ID: C-2-251-5**

**GC Semivolatiles**

Lot-Sample #....: E0J250276-011 Work Order #....: DNRC31AC Matrix.....: SOLID  
Date Sampled....: 10/25/00 10:05 Date Received...: 10/25/00 16:00 MS Run #.....: 0301214  
Prep Date.....: 10/26/00 Analysis Date...: 11/14/00  
Prep Batch #....: 0300537 Analysis Time...: 11:15  
Dilution Factor: 1  
% Moisture.....: Analyst ID.....: 356074 Instrument ID...: G03  
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
SURROGATE	PERCENT RECOVERY	RECOVERY		
		LIMITS	(60 - 130)	
Benzo(a)pyrene	89			

000034

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-251-5

## GC Volatiles

Lot-Sample #....: E0J250276-011 Work Order #....: DNRC31AD Matrix.....: SOLID  
Date Sampled....: 10/25/00 10:05 Date Received...: 10/25/00 16:00 MS Run #.....: 0307127  
Prep Date.....: 10/27/00 Analysis Date...: 10/27/00  
Prep Batch #....: 0304500 Analysis Time...: 08:33  
Dilution Factor: 1  
% Moisture.....:  
Analyst ID.....: 001464 Instrument ID...: G15  
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C6-C8	0.25 J,B	1.0	mg/kg	0.10
SURROGATE	PERCENT	RECOVERY		
a,a,a-Trifluorotoluene (TFT)	RECOVERY	LIMITS		
	108	(60 - 130)		

NOTE (S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

000035

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-251-5

## GC/MS Volatiles

Lot-Sample #....: E0J250276-011 Work Order #....: DNRC31AA Matrix.....: SOLID  
 Date Sampled...: 10/25/00 10:05 Date Received..: 10/25/00 16:00 MS Run #.....: 0308201  
 Prep Date.....: 11/03/00 Analysis Date...: 11/03/00  
 Prep Batch #....: 0308373 Analysis Time...: 03:32  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 004648 Instrument ID...: MSG  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

(Continued on next page)

000036

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-251-5

## GC/MS Volatiles

Lot-Sample #....: E0J250276-011 Work Order #....: DNRC31AA Matrix.....: SOLID

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	28	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Bromofluorobenzene	112		(70 - 130)	
1,2-Dichloroethane-d4	100		(60 - 140)	
Toluene-d8	102		(70 - 130)	

000037

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-251-10

## GC Semivolatiles

Lot-Sample #....: E0J250276-012 Work Order #....: DNRC41AC Matrix.....: SOLID  
 Date Sampled....: 10/25/00 10:15 Date Received...: 10/25/00 16:00 MS Run #.....: 0301214  
 Prep Date.....: 10/26/00 Analysis Date...: 11/14/00  
 Prep Batch #....: 0300537 Analysis Time...: 11:54  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 356074 Instrument ID..: G03  
 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
SURROGATE	PERCENT	RECOVERY		
		RECOVERY	LIMITS	
Benzo(a)pyrene	99	(60 - 130)		

000038

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-251-10

## GC Volatiles

Lot-Sample #....: E0J250276-012 Work Order #....: DNRC41AD Matrix.....: SOLID  
Date Sampled...: 10/25/00 10:15 Date Received..: 10/25/00 16:00 MS Run #.....: 0307127  
Prep Date.....: 10/27/00 Analysis Date...: 10/27/00  
Prep Batch #....: 0304500 Analysis Time...: 08:59  
Dilution Factor: 1  
% Moisture.....: Analyst ID.....: 001464 Instrument ID...: G15  
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C6-C8	0.24 J,B	1.0	mg/kg	0.10
SURROGATE	PERCENT	RECOVERY		
a,a,a-Trifluorotoluene (TFT)	RECOVERY	LIMITS		
	112	(60 - 130)		

NOTE (S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

000039

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-251-10

## GC/MS Volatiles

Lot-Sample #....: E0J250276-012 Work Order #....: DNRC41AA Matrix.....: SOLID  
 Date Sampled...: 10/25/00 10:15 Date Received...: 10/25/00 16:00 MS Run #.....: 0308201  
 Prep Date.....: 11/03/00 Analysis Date...: 11/03/00  
 Prep Batch #....: 0308373 Analysis Time...: 04:05  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 004648 Instrument ID...: MSG  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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000040

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-251-10

## GC/MS Volatiles

Lot-Sample #....: E0J250276-012 Work Order #....: DNRC41AA Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
<u>SURROGATE</u>		<u>PERCENT</u>	<u>RECOVERY</u>	
<u>RECOVERY</u>			<u>LIMITS</u>	
Bromofluorobenzene	107		(70 - 130)	
1,2-Dichloroethane-d4	100		(60 - 140)	
Toluene-d8	102		(70 - 130)	

000042

BOE-C6-0168356

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-251-15

## GC Semivolatiles

Lot-Sample #....: E0J250276-013 Work Order #....: DNRC51AC Matrix.....: SOLID  
 Date Sampled...: 10/25/00 10:35 Date Received..: 10/25/00 16:00 MS Run #.....: 0301214  
 Prep Date.....: 10/26/00 Analysis Date...: 11/14/00  
 Prep Batch #....: 0300537 Analysis Time...: 12:33  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 356074 Instrument ID...: G03  
 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
SURROGATE	PERCENT RECOVERY	RECOVERY		
		LIMITS	(60 - 130)	
Benzo(a)pyrene	101			

000043

BOE-C6-0168357

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-251-15

GC Volatiles

Lot-Sample #....: E0J250276-013 Work Order #....: DNRC51AD Matrix.....: SOLID  
Date Sampled....: 10/25/00 10:35 Date Received...: 10/25/00 16:00 MS Run #.....: 0307127  
Prep Date.....: 10/27/00 Analysis Date...: 10/27/00  
Prep Batch #....: 0304500 Analysis Time...: 09:26  
Dilution Factor: 1  
% Moisture.....:  
Analyst ID.....: 001464 Instrument ID...: G15  
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C6-C8	0.25 J,B	1.0	mg/kg	0.10
SURROGATE	PERCENT	RECOVERY		
a,a,a-Trifluorotoluene (TFT)	RECOVERY	LIMITS		
	112	(60 - 130)		

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

000044

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-251-15

## GC/MS Volatiles

Lot-Sample #....: E0J250276-013 Work Order #....: DNRC51AA Matrix.....: SOLID  
 Date Sampled....: 10/25/00 10:35 Date Received...: 10/25/00 16:00 MS Run #.....: 0308201  
 Prep Date.....: 11/03/00 Analysis Date...: 11/03/00  
 Prep Batch #....: 0308373 Analysis Time...: 04:38  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 004648 Instrument ID...: MSG  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

(Continued on next page)

000045

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-251-15

## GC/MS Volatiles

Lot-Sample #....: E0J250276-013 Work Order #....: DNRC51AA Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
<u>SURROGATE</u>		<u>PERCENT</u>	<u>RECOVERY</u>	
		<u>RECOVERY</u>	<u>LIMITS</u>	
Bromofluorobenzene	104	(70 - 130)		
1,2-Dichloroethane-d4	113	(60 - 140)		
Toluene-d8	102	(70 - 130)		

000046

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-252-2

## GC Semivolatiles

Lot-Sample #....: E0J250276-014 Work Order #....: DNRC61AA Matrix.....: SOLID  
 Date Sampled....: 10/25/00 10:50 Date Received...: 10/25/00 16:00 MS Run #.....: 0300273  
 Prep Date.....: 10/26/00 Analysis Date...: 10/29/00  
 Prep Batch #....: 0300523 Analysis Time...: 21:57  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 018568 Instrument ID...: G9A  
 Method.....: SW846 8082

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Aroclor 1016	ND	33	ug/kg	10
Aroclor 1221	ND	33	ug/kg	10
Aroclor 1232	ND	33	ug/kg	10
Aroclor 1242	ND	33	ug/kg	10
Aroclor 1248	ND	33	ug/kg	10
Aroclor 1254	ND	33	ug/kg	10
Aroclor 1260	ND	33	ug/kg	10

  

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	RECOVERY	
		<u>LIMITS</u>	
Decachlorobiphenyl	102	(60 - 140)	
Tetrachloro-m-xylene	142 *	(60 - 140)	

NOTE(S) :

\* Surrogate recovery is outside stated control limits.

000047

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-253-5

## GC Semivolatiles

Lot-Sample #....: E0J250276-015 Work Order #....: DNRC81AD Matrix.....: SOLID  
 Date Sampled....: 10/25/00 13:30 Date Received...: 10/25/00 16:00 MS Run #.....: 0301214  
 Prep Date.....: 10/26/00 Analysis Date...: 11/14/00  
 Prep Batch #....: 0300537 Analysis Time...: 13:12  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 356074 Instrument ID...: G03  
 Method.....: SW846 8015B

<u>PARAMETER</u>	REPORTING			
	<u>RESULT</u>	<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
<u>SURROGATE</u>	<u>PERCENT</u>		<u>RECOVERY</u>	
	<u>RECOVERY</u>		<u>LIMITS</u>	
Benzo(a)pyrene	93		(60 - 130)	

000048

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-253-5

## GC Volatiles

Lot-Sample #....: E0J250276-015 Work Order #....: DNRC81AE Matrix.....: SOLID  
 Date Sampled...: 10/25/00 13:30 Date Received..: 10/25/00 16:00 MS Run #.....: 0307127  
 Prep Date.....: 10/27/00 Analysis Date...: 10/27/00  
 Prep Batch #....: 0304500 Analysis Time...: 09:52  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 001464 Instrument ID...: G15  
 Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C6-C8	0.24 J,B	1.0	mg/kg	0.10
<hr/>				
SURROGATE	PERCENT	RECOVERY		
a,a,a-Trifluorotoluene (TFT)	RECOVERY	LIMITS		
	118	(60 - 130)		

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

000049

BOE-C6-0168363

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-253-5

## GC/MS Volatiles

Lot-Sample #....: E0J250276-015 Work Order #....: DNRC81AC Matrix.....: SOLID  
 Date Sampled....: 10/25/00 13:30 Date Received...: 10/25/00 16:00 MS Run #.....: 0308201  
 Prep Date.....: 11/03/00 Analysis Date...: 11/03/00  
 Prep Batch #....: 0308373 Analysis Time...: 05:10  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 004648 Instrument ID...: MSG  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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000050

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-253-5

## GC/MS Volatiles

Lot-Sample #....: E0J250276-015 Work Order #....: DNRC81AC Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	23	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
<u>SURROGATE</u>		<u>PERCENT</u>	<u>RECOVERY</u>	
		<u>RECOVERY</u>	<u>LIMITS</u>	
Bromofluorobenzene	111	(70 - 130)		
1,2-Dichloroethane-d4	101	(60 - 140)		
Toluene-d8	109	(70 - 130)		

000051

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-253-10

## GC Semivolatiles

Lot-Sample #....: E0J250276-016 Work Order #....: DNRC91AC Matrix.....: SOLID  
 Date Sampled....: 10/25/00 13:40 Date Received...: 10/25/00 16:00 MS Run #.....: 0301214  
 Prep Date.....: 10/26/00 Analysis Date...: 11/14/00  
 Prep Batch #....: 0300537 Analysis Time...: 15:50  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 356074 Instrument ID...: G03  
 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
<u>SURROGATE</u>	<u>PERCENT</u>	RECOVERY		
		<u>RECOVERY</u>	<u>LIMITS</u>	
Benzo(a)pyrene	107	(60 - 130)		

000052

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-253-10

## GC Volatiles

Lot-Sample #....: E0J250276-016 Work Order #....: DNRC91AD Matrix.....: SOLID  
Date Sampled....: 10/25/00 13:40 Date Received...: 10/25/00 16:00 MS Run #.....: 0307127  
Prep Date.....: 10/27/00 Analysis Date...: 10/27/00  
Prep Batch #....: 0304500 Analysis Time...: 11:12  
Dilution Factor: 1  
% Moisture.....:  
Analyst ID.....: 001464 Instrument ID...: G15  
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C6-C8	0.28 J,B	1.0	mg/kg	0.10
SURROGATE	PERCENT RECOVERY			RECOVERY
a,a,a-Trifluorotoluene (TFT)	110	(60 - 130)		

NOTE (S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-253-10

## GC/MS Volatiles

Lot-Sample #....: E0J250276-016 Work Order #....: DNRC91AA Matrix.....: SOLID  
 Date Sampled....: 10/25/00 13:40 Date Received...: 10/25/00 16:00 MS Run #.....: 0308201  
 Prep Date.....: 11/03/00 Analysis Date...: 11/03/00  
 Prep Batch #....: 0308373 Analysis Time...: 05:43  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 004648 Instrument ID..: MSG  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	1.0
Bromomethane	ND	5.0	ug/kg	3.0
2-Butanone	ND	10	ug/kg	2.0
n-Butylbenzene	ND	25	ug/kg	15
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

(Continued on next page)

000054

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-253-10

## GC/MS Volatiles

Lot-Sample #....: E0J250276-016 Work Order #....: DNRC91AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
<u>SURROGATE</u>		PERCENT RECOVERY	RECOVERY LIMITS	
Bromofluorobenzene	103		(70 - 130)	
1,2-Dichloroethane-d4	107		(60 - 140)	
Toluene-d8	103		(70 - 130)	

000055

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-253-15

## GC Semivolatiles

Lot-Sample #....: E0J250276-017 Work Order #....: DNRDA1AC Matrix.....: SOLID  
 Date Sampled....: 10/25/00 13:50 Date Received...: 10/25/00 16:00 MS Run #.....: 0301214  
 Prep Date.....: 10/26/00 Analysis Date...: 11/14/00  
 Prep Batch #....: 0300537 Analysis Time...: 16:29  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 356074 Instrument ID...: G03  
 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
<u>SURROGATE</u>		<u>PERCENT</u>	<u>RECOVERY</u>	
Benzo(a)pyrene		RECOVERY	LIMITS	
		105	(60 - 130)	

000056

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-253-15

## GC Volatiles

Lot-Sample #....: E0J250276-017 Work Order #....: DNRDA1AD Matrix.....: SOLID  
Date Sampled....: 10/25/00 13:50 Date Received...: 10/25/00 16:00 MS Run #.....: 0307127  
Prep Date.....: 10/27/00 Analysis Date...: 10/27/00  
Prep Batch #....: 0304500 Analysis Time...: 11:38  
Dilution Factor: 1  
% Moisture.....:  
Analyst ID.....: 001464 Instrument ID...: G15  
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C6-C8	0.25 J,B	1.0	mg/kg	0.10
<u>SURROGATE</u>		PERCENT RECOVERY LIMITS		
a,a,a-Trifluorotoluene (TFT)		(60 - 130)		

NOTE (S) :

- J Estimated result. Result is less than RL.  
B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

000057

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-253-15

## GC/MS Volatiles

Lot-Sample #....: E0J250276-017 Work Order #....: DNRDA1AA Matrix.....: SOLID  
 Date Sampled....: 10/25/00 13:50 Date Received...: 10/25/00 16:00 MS Run #.....: 0308201  
 Prep Date.....: 11/03/00 Analysis Date...: 11/03/00  
 Prep Batch #....: 0308373 Analysis Time...: 06:16  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 004648 Instrument ID...: MSG  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

(Continued on next page)

000058

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-253-15

## GC/MS Volatiles

Lot-Sample #....: E0J250276-017 Work Order #....: DNRDA1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
SURROGATE		PERCENT RECOVERY	RECOVERY LIMITS	
Bromofluorobenzene	110	(70 - 130)		
1,2-Dichloroethane-d4	109	(60 - 140)		
Toluene-d8	105	(70 - 130)		

000059

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-255-5

## GC Semivolatiles

Lot-Sample #....: E0J250276-018 Work Order #....: DNRDC1AD Matrix.....: SOLID  
 Date Sampled...: 10/25/00 14:10 Date Received...: 10/25/00 16:00 MS Run #.....: 0301214  
 Prep Date.....: 10/26/00 Analysis Date...: 11/14/00  
 Prep Batch #....: 0300537 Analysis Time...: 17:08  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 356074 Instrument ID...: G03  
 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C8-C9	ND	10	mg/kg	5.0
C10-C11	6.0 J	10	mg/kg	5.0
C12-C13	18	10	mg/kg	5.0
C14-C15	30	10	mg/kg	5.0
C16-C17	33	10	mg/kg	5.0
C18-C19	26	10	mg/kg	5.0
C20-C23	17	10	mg/kg	5.0
C24-C27	14	10	mg/kg	5.0
C28-C31	18	10	mg/kg	5.0
C32-C35	23	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	190	10	mg/kg	5.0
<u>SURROGATE</u>		<u>PERCENT</u>	<u>RECOVERY</u>	
Benzo(a)pyrene		RECOVERY	LIMITS	
		90	(60 - 130)	

NOTE (S) :

J Estimated result. Result is less than RL.

000060

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-255-5

GC Volatiles

Lot-Sample #....: E0J250276-018 Work Order #....: DNRDC1AE Matrix.....: SOLID  
Date Sampled....: 10/25/00 14:10 Date Received...: 10/25/00 16:00 MS Run #.....: 0307127  
Prep Date.....: 10/27/00 Analysis Date...: 10/27/00  
Prep Batch #....: 0304500 Analysis Time...: 12:05  
Dilution Factor: 1  
% Moisture.....:  
Analyst ID.....: 001464 Instrument ID..: G15  
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C6-C8	0.26 J,B	1.0	mg/kg	0.10
SURROGATE	PERCENT	RECOVERY		
a,a,a-Trifluorotoluene (TFT)	RECOVERY	LIMITS		
	110	(60 - 130)		

NOTE (S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

000061

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-255-5

## GC/MS Volatiles

Lot-Sample #....: E0J250276-018 Work Order #....: DNRDC1AC Matrix.....: SOLID  
 Date Sampled...: 10/25/00 14:10 Date Received...: 10/25/00 16:00 MS Run #.....: 0308201  
 Prep Date.....: 11/03/00 Analysis Date...: 11/03/00  
 Prep Batch #...: 0308373 Analysis Time...: 06:49  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 004648 Instrument ID...: MSG  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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000062

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-255-5

## GC/MS Volatiles

Lot-Sample #...: E0J250276-018 Work Order #...: DNRDC1AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	27	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	10	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	3.0 J	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	3.7 J	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
SURROGATE		PERCENT RECOVERY	RECOVERY LIMITS	
Bromofluorobenzene	106		(70 - 130)	
1,2-Dichloroethane-d4	98		(60 - 140)	
Toluene-d8	104		(70 - 130)	

NOTE (S) :

J Estimated result. Result is less than RL.

000063

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-255-10

## GC/MS Volatiles

Lot-Sample #....: E0J250276-019 Work Order #....: DNRDD1AA Matrix.....: SOLID  
 Date Sampled....: 10/25/00 14:15 Date Received...: 10/25/00 16:00 MS Run #.....: 0308201  
 Prep Date.....: 11/03/00 Analysis Date...: 11/03/00  
 Prep Batch #....: 0308373 Analysis Time...: 07:22  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 004648 Instrument ID..: MSG  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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000064

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-255-10

## GC/MS Volatiles

Lot-Sample #....: E0J250276-019 Work Order #....: DNRDD1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	38	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
SURROGATE		PERCENT	RECOVERY	
		RECOVERY	LIMITS	
Bromofluorobenzene	110		(70 - 130)	
1,2-Dichloroethane-d4	102		(60 - 140)	
Toluene-d8	102		(70 - 130)	

000065

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-256-5

## GC Semivolatiles

Lot-Sample #....: E0J250276-020 Work Order #....: DNRDE1AD Matrix.....: SOLID  
 Date Sampled...: 10/25/00 14:35 Date Received..: 10/25/00 16:00 MS Run #.....: 0301214  
 Prep Date.....: 10/26/00 Analysis Date...: 11/14/00  
 Prep Batch #....: 0300537 Analysis Time...: 17:48  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 356074 Instrument ID...: G03  
 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	6.2 J	10	mg/kg	5.0
C14-C15	8.0 J	10	mg/kg	5.0
C16-C17	17	10	mg/kg	5.0
C18-C19	21	10	mg/kg	5.0
C20-C23	26	10	mg/kg	5.0
C24-C27	29	10	mg/kg	5.0
C28-C31	36	10	mg/kg	5.0
C32-C35	50	10	mg/kg	5.0
C36-C39	29	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	230	10	mg/kg	5.0
<u>SURROGATE</u>		PERCENT	RECOVERY	
Benzo(a)pyrene		RECOVERY	LIMITS	
		100	(60 - 130)	

NOTE (S) :

J Estimated result. Result is less than RL.

000066

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-256-5

## GC Volatiles

Lot-Sample #....: E0J250276-020 Work Order #....: DNRDE1AE Matrix.....: SOLID  
Date Sampled....: 10/25/00 14:35 Date Received...: 10/25/00 16:00 MS Run #.....: 0307127  
Prep Date.....: 10/27/00 Analysis Date...: 10/27/00  
Prep Batch #....: 0304500 Analysis Time...: 12:31  
Dilution Factor: 1  
% Moisture.....:  
Analyst ID.....: 001464 Instrument ID...: G15  
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C6-C8	0.25 J,B	1.0	mg/kg	0.10
SURROGATE	PERCENT	RECOVERY		
a,a,a-Trifluorotoluene (TFT)	RECOVERY	LIMITS		
	114	(60 - 130)		

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

000067

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-256-5

## GC/MS Volatiles

Lot-Sample #....: E0J250276-020 Work Order #....: DNRDE1AC Matrix.....: SOLID  
 Date Sampled...: 10/25/00 14:35 Date Received...: 10/25/00 16:00 MS Run #.....: 0309032  
 Prep Date.....: 11/04/00 Analysis Date...: 11/04/00  
 Prep Batch #....: 0309145 Analysis Time...: 04:18  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 015590 Instrument ID..: MSG  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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000068

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-256-5

## GC/MS Volatiles

Lot-Sample #....: E0J250276-020 Work Order #....: DNRDE1AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
<u>SURROGATE</u>		PERCENT	RECOVERY	
		RECOVERY	LIMITS	
Bromofluorobenzene	108	(70 - 130)		
1,2-Dichloroethane-d4	95	(60 - 140)		
Toluene-d8	105	(70 - 130)		

000069

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-256-10

## GC/MS Volatiles

Lot-Sample #....: E0J250276-021 Work Order #....: DNRDF1AA Matrix.....: SOLID  
 Date Sampled...: 10/25/00 14:40 Date Received...: 10/25/00 16:00 MS Run #.....: 0309032  
 Prep Date.....: 11/04/00 Analysis Date...: 11/04/00  
 Prep Batch #....: 0309145 Analysis Time...: 04:51  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 015590 Instrument ID...: MSG  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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000070

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-256-10

## GC/MS Volatiles

Lot-Sample #....: E0J250276-021 Work Order #....: DNRDF1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
<u>SURROGATE</u>		PERCENT RECOVERY	RECOVERY LIMITS	
Bromofluorobenzene	114	(70 - 130)		
1,2-Dichloroethane-d4	100	(60 - 140)		
Toluene-d8	106	(70 - 130)		

000071

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-257-5

## GC Semivolatiles

Lot-Sample #....: E0J250276-022 Work Order #....: DNRDG1AC Matrix.....: SOLID  
 Date Sampled....: 10/25/00 15:00 Date Received...: 10/25/00 16:00 MS Run #.....: 0301214  
 Prep Date.....: 10/26/00 Analysis Date...: 11/14/00  
 Prep Batch #....: 0300537 Analysis Time...: 18:27  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 356074 Instrument ID...: G03  
 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
<u>SURROGATE</u>		<u>PERCENT</u>	<u>RECOVERY</u>	
Benzo (a) pyrene		92	LIMITS	(60 - 130)

000072

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-257-5

## GC Volatiles

Lot-Sample #....: E0J250276-022 Work Order #....: DNRDG1AD Matrix.....: SOLID  
Date Sampled....: 10/25/00 15:00 Date Received..: 10/25/00 16:00 MS Run #.....: 0307127  
Prep Date.....: 10/27/00 Analysis Date...: 10/27/00  
Prep Batch #....: 0304500 Analysis Time...: 12:58  
Dilution Factor: 1  
% Moisture.....:  
Analyst ID.....: 001464 Instrument ID...: G15  
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C6-C8	0.25 J,B	1.0	mg/kg	0.10
SURROGATE	PERCENT	RECOVERY		
a,a,a-Trifluorotoluene (TFT)	RECOVERY	LIMITS		
	118	(60 - 130)		

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

000073

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-257-5

## GC/MS Volatiles

Lot-Sample #....: E0J250276-022 Work Order #....: DNRDG1AA Matrix.....: SOLID  
 Date Sampled...: 10/25/00 15:00 Date Received..: 10/25/00 16:00 MS Run #.....: 0309032  
 Prep Date.....: 11/04/00 Analysis Date...: 11/04/00  
 Prep Batch #....: 0309145 Analysis Time...: 05:23  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 015590 Instrument ID.: MSG  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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000074

BOE-C6-0168388

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-257-5

## GC/MS Volatiles

Lot-Sample #....: E0J250276-022 Work Order #....: DNRDG1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
SURROGATE		PERCENT RECOVERY	RECOVERY LIMITS	
Bromofluorobenzene	118	(70 - 130)		
1,2-Dichloroethane-d4	96	(60 - 140)		
Toluene-d8	105	(70 - 130)		

000075

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-257-10

## GC/MS Volatiles

Lot-Sample #....: E0J250276-023 Work Order #....: DNRDH1AA Matrix.....: SOLID  
 Date Sampled....: 10/25/00 15:07 Date Received...: 10/25/00 16:00 MS Run #.....: 0309032  
 Prep Date.....: 11/04/00 Analysis Date...: 11/04/00  
 Prep Batch #....: 0309145 Analysis Time...: 05:56  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 015590 Instrument ID..: MSG  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	1.0
Bromomethane	ND	5.0	ug/kg	3.0
2-Butanone	ND	10	ug/kg	2.0
n-Butylbenzene	ND	25	ug/kg	15
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
Chloromethane	ND	10	ug/kg	3.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

(Continued on next page)

000076

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-257-10

## GC/MS Volatiles

Lot-Sample #....: E0J250276-023 Work Order #....: DNRDH1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
SURROGATE		PERCENT RECOVERY	RECOVERY LIMITS	
Bromofluorobenzene	109	(70 - 130)		
1,2-Dichloroethane-d4	102	(60 - 140)		
Toluene-d8	107	(70 - 130)		

000077

KENNEDY/JENKS CONSULTANTS

C-2-251-5

GC/MS Volatiles

Lot-Sample #: E0J250276-011      Work Order #: DNRC31AA      Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

000078

BOE-C6-0168392

KENNEDY/JENKS CONSULTANTS

C-2-251-10

GC/MS Volatiles

Lot-Sample #: E0J250276-012      Work Order #: DNRC41AA      Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

000079

BOE-C6-0168393

KENNEDY/JENKS CONSULTANTS

C-2-251-15

GC/MS Volatiles

Lot-Sample #: E0J250276-013

Work Order #: DNRC51AA

Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

000080

BOE-C6-0168394

KENNEDY/JENKS CONSULTANTS

C-2-253-5

GC/MS Volatiles

Lot-Sample #: E0J250276-015

Work Order #: DNRC81AC

Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

000081

BOE-C6-0168395

KENNEDY/JENKS CONSULTANTS

C-2-253-10

GC/MS Volatiles

Lot-Sample #: E0J250276-016

Work Order #: DNRC91AA

Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

000082

BOE-C6-0168396

KENNEDY/JENKS CONSULTANTS

C-2-253-15

GC/MS Volatiles

Lot-Sample #: E0J250276-017      Work Order #: DNRDA1AA      Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

000083

BOE-C6-0168397

KENNEDY/JENKS CONSULTANTS

C-2-255-5

GC/MS Volatiles

Lot-Sample #: E0J250276-018      Work Order #: DNRDC1AC      Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED	RETENTION	UNITS
		RESULT	TIME	
Unknown aromatic		11	M	ug/kg
Unknown hydrocarbon		11	M	ug/kg

NOTE(S) :

M: Result was measured against nearest internal standard assuming a response factor of 1.

000084

BOE-C6-0168398

KENNEDY/JENKS CONSULTANTS

C-2-255-10

GC/MS Volatiles

Lot-Sample #: E0J250276-019      Work Order #: DNRDD1AA      Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED		RETENTION TIME	UNITS
		RESULT	M		
Unknown		19	M		ug/kg
Unknown hydrocarbon		9.4	M		ug/kg

NOTE (S) :

M: Result was measured against nearest internal standard assuming a response factor of 1.

000085

BOE-C6-0168399

KENNEDY/JENKS CONSULTANTS

C-2-256-5

GC/MS Volatiles

Lot-Sample #: E0J250276-020      Work Order #: DNRDE1AC      Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

000086

BOE-C6-0168400

KENNEDY/JENKS CONSULTANTS

C-2-256-10

GC/MS Volatiles

Lot-Sample #: E0J250276-021      Work Order #: DNRDF1AA      Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

000087

BOE-C6-0168401

KENNEDY/JENKS CONSULTANTS

C-2-257-5

GC/MS Volatiles

Lot-Sample #: E0J250276-022

Work Order #: DNRDG1AA

Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

000088

BOE-C6-0168402

KENNEDY/JENKS CONSULTANTS

C-2-257-10

GC/MS Volatiles

Lot-Sample #: E0J250276-023      Work Order #: DNRDH1AA      Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

000089

BOE-C6-0168403

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-247-1

## TOTAL Metals

Lot-Sample #....: E0J250276-001  
 Date Sampled...: 10/25/00 08:10 Date Received...: 10/25/00 16:00  
 % Moisture.....:

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Prep Batch #....:	0304274						
Aluminum	26600	20.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRCJ1AD
		Dilution Factor: 1		Analysis Time...: 03:56		Analyst ID.....: 003119	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 8.0	
Arsenic	4.4	1.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRCJ1AE
		Dilution Factor: 1		Analysis Time...: 03:56		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.40	
Antimony	0.97 B	6.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRCJ1AF
		Dilution Factor: 1		Analysis Time...: 03:56		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.20	
Barium	178	2.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRCJ1AG
		Dilution Factor: 1		Analysis Time...: 03:56		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.10	
Cadmium	0.76	0.50	mg/kg	SW846 6010B		10/30-11/02/00	DNRCJ1AH
		Dilution Factor: 1		Analysis Time...: 03:56		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.050	
Chromium	30.1	1.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRCJ1AJ
		Dilution Factor: 1		Analysis Time...: 03:56		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.10	
Beryllium	0.71	0.50	mg/kg	SW846 6010B		10/30-11/02/00	DNRCJ1AK
		Dilution Factor: 1		Analysis Time...: 03:56		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.050	
Lead	7.1	0.50	mg/kg	SW846 6010B		10/30-11/02/00	DNRCJ1AL
		Dilution Factor: 1		Analysis Time...: 03:56		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B		10/30-11/02/00	DNRCJ1AM
		Dilution Factor: 1		Analysis Time...: 03:56		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.40	

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000090

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-247-1

## TOTAL Metals

Lot-Sample #...: E0J250276-001

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK
		LIMIT	UNITS				
Silver	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCJ1AN
		Dilution Factor: 1			Analysis Time...: 03:56	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.10	
Cobalt	11.0	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCJ1AP
		Dilution Factor: 1			Analysis Time...: 03:56	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.10	
Copper	24.5	2.5	mg/kg		SW846 6010B	10/30-11/02/00	DNRCJ1AQ
		Dilution Factor: 1			Analysis Time...: 03:56	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.40	
Molybdenum	1.4 B	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCJ1AR
		Dilution Factor: 1			Analysis Time...: 03:56	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.30	
Nickel	21.6	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCJ1AT
		Dilution Factor: 1			Analysis Time...: 03:56	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.30	
Thallium	1.3	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCJ1AU
		Dilution Factor: 1			Analysis Time...: 03:56	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.50	
Vanadium	59.2	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCJ1AV
		Dilution Factor: 1			Analysis Time...: 03:56	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.10	
Zinc	63.0	2.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCJ1AW
		Dilution Factor: 1			Analysis Time...: 03:56	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 1.0	
Prep Batch #...: 0304281							
Mercury	ND	0.10	mg/kg		SW846 7471A	10/31-11/02/00	DNRCJ1AX
		Dilution Factor: 1			Analysis Time...: 10:10	Analyst ID.....: 0210886	
		Instrument ID...: M04			MS Run #.....: 0304138	MDL.....: 0.020	

## NOTE(S) :

B Estimated result. Result is less than RL.

000091

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-247-5

## TOTAL Metals

Lot-Sample #....: E0J250276-002  
 Date Sampled....: 10/25/00 08:15 Date Received...: 10/25/00 16:00  
 % Moisture.....:

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Prep Batch #....: 0304274							
Aluminum	18300	20.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRCN1AD	
		Dilution Factor: 1			Analysis Time...: 20:30	Analyst ID.....: 003119	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 8.0	
Arsenic	3.0	1.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRCN1AE	
		Dilution Factor: 1			Analysis Time...: 20:30	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.40	
Antimony	0.35 B	6.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRCN1AF	
		Dilution Factor: 1			Analysis Time...: 20:30	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.20	
Barium	118	2.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRCN1AG	
		Dilution Factor: 1			Analysis Time...: 20:30	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.10	
Cadmium	0.65	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNRCN1AH	
		Dilution Factor: 1			Analysis Time...: 20:30	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.050	
Chromium	21.9	1.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRCN1AJ	
		Dilution Factor: 1			Analysis Time...: 20:30	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.10	
Beryllium	0.57	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNRCN1AK	
		Dilution Factor: 1			Analysis Time...: 20:30	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.050	
Lead	5.4	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNRCN1AL	
		Dilution Factor: 1			Analysis Time...: 20:30	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNRCN1AM	
		Dilution Factor: 1			Analysis Time...: 20:30	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.40	

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000092

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-247-5

## TOTAL Metals

Lot-Sample #...: E0J250276-002

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK	ORDER #
		LIMIT	UNITS					
Silver	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCN1AN	
		Dilution Factor: 1			Analysis Time...: 20:30	Analyst ID.....: 0031196		
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.10		
Cobalt	10.7	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCN1AP	
		Dilution Factor: 1			Analysis Time...: 20:30	Analyst ID.....: 0031196		
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.10		
Copper	16.8	2.5	mg/kg		SW846 6010B	10/30-11/02/00	DNRCN1AQ	
		Dilution Factor: 1			Analysis Time...: 20:30	Analyst ID.....: 0031196		
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.40		
Molybdenum	1.0 B	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCN1AR	
		Dilution Factor: 1			Analysis Time...: 20:30	Analyst ID.....: 0031196		
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.30		
Nickel	13.7	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCN1AT	
		Dilution Factor: 1			Analysis Time...: 20:30	Analyst ID.....: 0031196		
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.30		
Thallium	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCN1AU	
		Dilution Factor: 1			Analysis Time...: 20:30	Analyst ID.....: 0031196		
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.50		
Vanadium	44.4	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCN1AV	
		Dilution Factor: 1			Analysis Time...: 20:30	Analyst ID.....: 0031196		
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.10		
Zinc	42.4	2.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCN1AW	
		Dilution Factor: 1			Analysis Time...: 20:30	Analyst ID.....: 0031196		
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 1.0		
Prep Batch #...: 0304281								
Mercury	ND	0.10	mg/kg		SW846 7471A	10/31-11/02/00	DNRCN1AX	
		Dilution Factor: 1			Analysis Time...: 10:16	Analyst ID.....: 0210886		
		Instrument ID...: M04			MS Run #.....: 0304138	MDL.....: 0.020		

NOTE(S) :

B Estimated result. Result is less than RL.

000093

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-248-1

## TOTAL Metals

Lot-Sample #....: E0J250276-004

Matrix.....: SOLID

Date Sampled....: 10/25/00 08:40 Date Received..: 10/25/00 16:00

% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....:	0304274					
Aluminum	14600	20.0	mg/kg	SW846 6010B	10/30-11/02/00	DNRCQ1AD
		Dilution Factor: 1		Analysis Time...: 20:38	Analyst ID.....:	003119
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....:	8.0
Arsenic	1.9	1.0	mg/kg	SW846 6010B	10/30-11/02/00	DNRCQ1AE
		Dilution Factor: 1		Analysis Time...: 20:38	Analyst ID.....:	0031196
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....:	0.40
Antimony	0.57 B	6.0	mg/kg	SW846 6010B	10/30-11/02/00	DNRCQ1AF
		Dilution Factor: 1		Analysis Time...: 20:38	Analyst ID.....:	0031196
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....:	0.20
Barium	102	2.0	mg/kg	SW846 6010B	10/30-11/02/00	DNRCQ1AG
		Dilution Factor: 1		Analysis Time...: 20:38	Analyst ID.....:	0031196
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....:	0.10
Cadmium	0.47 B	0.50	mg/kg	SW846 6010B	10/30-11/02/00	DNRCQ1AH
		Dilution Factor: 1		Analysis Time...: 20:38	Analyst ID.....:	0031196
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....:	0.050
Chromium	17.2	1.0	mg/kg	SW846 6010B	10/30-11/02/00	DNRCQ1AJ
		Dilution Factor: 1		Analysis Time...: 20:38	Analyst ID.....:	0031196
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....:	0.10
Beryllium	0.40 B	0.50	mg/kg	SW846 6010B	10/30-11/02/00	DNRCQ1AK
		Dilution Factor: 1		Analysis Time...: 20:38	Analyst ID.....:	0031196
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....:	0.050
Lead	4.5	0.50	mg/kg	SW846 6010B	10/30-11/02/00	DNRCQ1AL
		Dilution Factor: 1		Analysis Time...: 20:38	Analyst ID.....:	0031196
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....:	0.30
Selenium	ND	0.50	mg/kg	SW846 6010B	10/30-11/02/00	DNRCQ1AM
		Dilution Factor: 1		Analysis Time...: 20:38	Analyst ID.....:	0031196
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....:	0.40

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000094

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-248-1

## TOTAL Metals

Lot-Sample #...: E0J250276-004

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK	ORDER #
		LIMIT	UNITS					
Silver	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCQ1AN	
		Dilution Factor: 1			Analysis Time...: 20:38		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Cobalt	5.5	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCQ1AP	
		Dilution Factor: 1			Analysis Time...: 20:38		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Copper	14.6	2.5	mg/kg		SW846 6010B	10/30-11/02/00	DNRCQ1AQ	
		Dilution Factor: 1			Analysis Time...: 20:38		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.40	
Molybdenum	0.75 B	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCQ1AR	
		Dilution Factor: 1			Analysis Time...: 20:38		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30	
Nickel	9.6	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCQ1AT	
		Dilution Factor: 1			Analysis Time...: 20:38		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30	
Thallium	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCQ1AU	
		Dilution Factor: 1			Analysis Time...: 20:38		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.50	
Vanadium	33.6	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCQ1AV	
		Dilution Factor: 1			Analysis Time...: 20:38		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Zinc	45.3	2.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCQ1AW	
		Dilution Factor: 1			Analysis Time...: 20:38		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 1.0	
Prep Batch #...: 0304281								
Mercury	ND	0.10	mg/kg		SW846 7471A	10/31-11/02/00	DNRCQ1AX	
		Dilution Factor: 1			Analysis Time...: 10:18		Analyst ID.....: 0210886	
		Instrument ID...: M04			MS Run #.....: 0304138		MDL.....: 0.020	

NOTE(S) :

B Estimated result. Result is less than RL.

000095

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-248-5

## TOTAL Metals

Lot-Sample #...: E0J250276-005  
 Date Sampled...: 10/25/00 08:45 Date Received..: 10/25/00 16:00  
 % Moisture.....:

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
<b>Prep Batch #...: 0304274</b>							
Aluminum	18100	20.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRCR1AD
		Dilution Factor: 1		Analysis Time...: 20:46		Analyst ID.....: 003119	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 8.0	
Arsenic	3.2	1.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRCR1AE
		Dilution Factor: 1		Analysis Time...: 20:46		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.40	
Antimony	0.57 B	6.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRCR1AF
		Dilution Factor: 1		Analysis Time...: 20:46		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.20	
Barium	196	2.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRCR1AG
		Dilution Factor: 1		Analysis Time...: 20:46		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.10	
Cadmium	0.77	0.50	mg/kg	SW846 6010B		10/30-11/02/00	DNRCR1AH
		Dilution Factor: 1		Analysis Time...: 20:46		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.050	
Chromium	21.9	1.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRCR1AJ
		Dilution Factor: 1		Analysis Time...: 20:46		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.10	
Beryllium	0.57	0.50	mg/kg	SW846 6010B		10/30-11/02/00	DNRCR1AK
		Dilution Factor: 1		Analysis Time...: 20:46		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.050	
Lead	5.2	0.50	mg/kg	SW846 6010B		10/30-11/02/00	DNRCR1AL
		Dilution Factor: 1		Analysis Time...: 20:46		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B		10/30-11/02/00	DNRCR1AM
		Dilution Factor: 1		Analysis Time...: 20:46		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.40	

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000096

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-248-5

## TOTAL Metals

Lot-Sample #....: E0J250276-005

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Silver	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCR1AN
		Dilution Factor: 1			Analysis Time...: 20:46	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.10	
Cobalt	9.3	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCR1AP
		Dilution Factor: 1			Analysis Time...: 20:46	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.10	
Copper	17.0	2.5	mg/kg		SW846 6010B	10/30-11/02/00	DNRCR1AQ
		Dilution Factor: 1			Analysis Time...: 20:46	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.40	
Molybdenum	0.70 B	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCR1AR
		Dilution Factor: 1			Analysis Time...: 20:46	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.30	
Nickel	12.7	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCR1AT
		Dilution Factor: 1			Analysis Time...: 20:46	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCR1AU
		Dilution Factor: 1			Analysis Time...: 20:46	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.50	
Vanadium	40.0	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCR1AV
		Dilution Factor: 1			Analysis Time...: 20:46	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.10	
Zinc	47.9	2.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCR1AW
		Dilution Factor: 1			Analysis Time...: 20:46	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 1.0	
Prep Batch #....:	0304281						
Mercury	0.024 B	0.10	mg/kg		SW846 7471A	10/31-11/02/00	DNRCR1AX
		Dilution Factor: 1			Analysis Time...: 10:20	Analyst ID.....: 0210886	
		Instrument ID...: M04			MS Run #.....: 0304138	MDL.....: 0.020	

NOTE (S) :

B Estimated result. Result is less than RL.

000097

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-249-5

## TOTAL Metals

Lot-Sample #...: E0J250276-007  
 Date Sampled...: 10/25/00 09:00 Date Received..: 10/25/00 16:00  
 % Moisture.....:

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Prep Batch #...: 0304274							
Aluminum	30200	20.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRCW1AD	
		Dilution Factor: 1			Analysis Time...: 21:00	Analyst ID.....: 003119	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 8.0	
Arsenic	3.6	1.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRCW1AE	
		Dilution Factor: 1			Analysis Time...: 21:00	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.40	
Antimony	0.86 B	6.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRCW1AF	
		Dilution Factor: 1			Analysis Time...: 21:00	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.20	
Barium	167	2.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRCW1AG	
		Dilution Factor: 1			Analysis Time...: 21:00	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.10	
Cadmium	1.2	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNRCW1AH	
		Dilution Factor: 1			Analysis Time...: 21:00	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.050	
Chromium	27.6	1.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRCW1AJ	
		Dilution Factor: 1			Analysis Time...: 21:00	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.10	
Beryllium	0.75	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNRCW1AK	
		Dilution Factor: 1			Analysis Time...: 21:00	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.050	
Lead	7.0	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNRCW1AL	
		Dilution Factor: 1			Analysis Time...: 21:00	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNRCW1AM	
		Dilution Factor: 1			Analysis Time...: 21:00	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.40	

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000098

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-249-5

## TOTAL Metals

Lot-Sample #...: E0J250276-007

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK	ORDER #
		LIMIT	UNITS					
Silver	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCW1AN	
		Dilution Factor: 1			Analysis Time...: 21:00		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Cobalt	11.7	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCW1AP	
		Dilution Factor: 1			Analysis Time...: 21:00		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Copper	27.1	2.5	mg/kg		SW846 6010B	10/30-11/02/00	DNRCW1AQ	
		Dilution Factor: 1			Analysis Time...: 21:00		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.40	
Molybdenum	1.5 B	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCW1AR	
		Dilution Factor: 1			Analysis Time...: 21:00		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30	
Nickel	17.7	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCW1AT	
		Dilution Factor: 1			Analysis Time...: 21:00		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30	
Thallium	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCW1AU	
		Dilution Factor: 1			Analysis Time...: 21:00		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.50	
Vanadium	54.6	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCW1AV	
		Dilution Factor: 1			Analysis Time...: 21:00		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Zinc	88.3	2.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCW1AW	
		Dilution Factor: 1			Analysis Time...: 21:00		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 1.0	
Prep Batch #...:	0304281							
Mercury	ND	0.10	mg/kg		SW846 7471A	10/31-11/02/00	DNRCW1AX	
		Dilution Factor: 1			Analysis Time...: 10:25		Analyst ID.....: 0210886	
		Instrument ID...: M04			MS Run #.....: 0304138		MDL.....: 0.020	

## NOTE(S) :

B Estimated result. Result is less than RL.

000099

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-249-10

## TOTAL Metals

Lot-Sample #....: E0J250276-008

Matrix.....: SOLID

Date Sampled...: 10/25/00 09:10 Date Received..: 10/25/00 16:00

% Moisture.....:

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Prep Batch #....: 0304274							
Aluminum	29900	20.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRCX1AA
		Dilution Factor: 1			Analysis Time...: 21:06	Analyst ID.....: 003119	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 8.0	
Arsenic	5.9	1.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRCX1AC
		Dilution Factor: 1			Analysis Time...: 21:06	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.40	
Antimony	0.88 B	6.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRCX1AD
		Dilution Factor: 1			Analysis Time...: 21:06	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.20	
Barium	204	2.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRCX1AE
		Dilution Factor: 1			Analysis Time...: 21:06	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.10	
Cadmium	2.2	0.50	mg/kg	SW846 6010B		10/30-11/02/00	DNRCX1AF
		Dilution Factor: 1			Analysis Time...: 21:06	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.050	
Chromium	28.8	1.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRCX1AG
		Dilution Factor: 1			Analysis Time...: 21:06	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.10	
Beryllium	0.88	0.50	mg/kg	SW846 6010B		10/30-11/02/00	DNRCX1AH
		Dilution Factor: 1			Analysis Time...: 21:06	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.050	
Lead	6.8	0.50	mg/kg	SW846 6010B		10/30-11/02/00	DNRCX1AJ
		Dilution Factor: 1			Analysis Time...: 21:06	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B		10/30-11/02/00	DNRCX1AK
		Dilution Factor: 1			Analysis Time...: 21:06	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.40	

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000100

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-249-10

## TOTAL Metals

Lot-Sample #...: E0J250276-008

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	ANALYSIS DATE	PREPARATION- WORK	ORDER #
		LIMIT	UNITS					
Silver	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCX1AL	
		Dilution Factor: 1			Analysis Time...: 21:06		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Cobalt	15.7	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCX1AM	
		Dilution Factor: 1			Analysis Time...: 21:06		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Copper	34.0	2.5	mg/kg		SW846 6010B	10/30-11/02/00	DNRCX1AN	
		Dilution Factor: 1			Analysis Time...: 21:06		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.40	
Molybdenum	2.5 B	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCX1AP	
		Dilution Factor: 1			Analysis Time...: 21:06		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30	
Nickel	19.3	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCX1AQ	
		Dilution Factor: 1			Analysis Time...: 21:06		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30	
Thallium	1.0	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCX1AR	
		Dilution Factor: 1			Analysis Time...: 21:06		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.50	
Vanadium	65.5	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCX1AT	
		Dilution Factor: 1			Analysis Time...: 21:06		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Zinc	87.6	2.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRCX1AU	
		Dilution Factor: 1			Analysis Time...: 21:06		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 1.0	
Prep Batch #...:	0304281							
Mercury	ND	0.10	mg/kg		SW846 7471A	10/31-11/02/00	DNRCX1AV	
		Dilution Factor: 1			Analysis Time...: 10:27		Analyst ID.....: 0210886	
		Instrument ID...: M04			MS Run #.....: 0304138		MDL.....: 0.020	

NOTE(S) :

B Estimated result. Result is less than RL.

000101

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-250-5

## TOTAL Metals

Lot-Sample #...: E0J250276-009  
 Date Sampled...: 10/25/00 09:15 Date Received...: 10/25/00 16:00  
 % Moisture.....:

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Prep Batch #...: 0304274							
Aluminum	37500	20.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRC01AD	
		Dilution Factor: 1		Analysis Time...: 21:14		Analyst ID.....: 003119	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 8.0	
Arsenic	5.2	1.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRC01AE	
		Dilution Factor: 1		Analysis Time...: 21:14		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.40	
Antimony	0.73 B	6.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRC01AF	
		Dilution Factor: 1		Analysis Time...: 21:14		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.20	
Barium	204	2.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRC01AG	
		Dilution Factor: 1		Analysis Time...: 21:14		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.10	
Cadmium	1.6	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNRC01AH	
		Dilution Factor: 1		Analysis Time...: 21:14		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.050	
Chromium	31.0	1.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRC01AJ	
		Dilution Factor: 1		Analysis Time...: 21:14		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.10	
Beryllium	0.97	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNRC01AK	
		Dilution Factor: 1		Analysis Time...: 21:14		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.050	
Lead	6.8	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNRC01AL	
		Dilution Factor: 1		Analysis Time...: 21:14		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNRC01AM	
		Dilution Factor: 1		Analysis Time...: 21:14		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.40	

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000102

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-250-5

## TOTAL Metals

Lot-Sample #...: E0J250276-009

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Silver	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRC01AN
		Dilution Factor: 1			Analysis Time...: 21:14	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.10	
Cobalt	13.4	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRC01AP
		Dilution Factor: 1			Analysis Time...: 21:14	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.10	
Copper	34.8	2.5	mg/kg		SW846 6010B	10/30-11/02/00	DNRC01AQ
		Dilution Factor: 1			Analysis Time...: 21:14	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.40	
Molybdenum	2.5 B	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRC01AR
		Dilution Factor: 1			Analysis Time...: 21:14	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.30	
Nickel	20.7	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRC01AT
		Dilution Factor: 1			Analysis Time...: 21:14	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRC01AU
		Dilution Factor: 1			Analysis Time...: 21:14	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.50	
Vanadium	59.1	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRC01AV
		Dilution Factor: 1			Analysis Time...: 21:14	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 0.10	
Zinc	104	2.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRC01AW
		Dilution Factor: 1			Analysis Time...: 21:14	Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136	MDL.....: 1.0	
Prep Batch #...: 0304281							
Mercury	ND	0.10	mg/kg		SW846 7471A	10/31-11/02/00	DNRC01AX
		Dilution Factor: 1			Analysis Time...: 10:29	Analyst ID.....: 0210886	
		Instrument ID...: M04			MS Run #.....: 0304138	MDL.....: 0.020	

NOTE(S) :

B Estimated result. Result is less than RL.

000103

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-250-10

## TOTAL Metals

Lot-Sample #....: E0J250276-010  
 Date Sampled...: 10/25/00 09:30 Date Received..: 10/25/00 16:00  
 % Moisture.....:

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK	
		LIMIT	UNITS				ANALYSIS DATE	ORDER #
<b>Prep Batch #....: 0304274</b>								
Aluminum	34900	20.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRC11AD	
		Dilution Factor: 1			Analysis Time...: 21:34		Analyst ID.....: 003119	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 8.0	
Arsenic	5.1	1.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRC11AE	
		Dilution Factor: 1			Analysis Time...: 21:34		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.40	
Antimony	0.36 B	6.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRC11AF	
		Dilution Factor: 1			Analysis Time...: 21:34		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.20	
Barium	102	2.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRC11AG	
		Dilution Factor: 1			Analysis Time...: 21:34		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Cadmium	1.0	0.50	mg/kg	SW846 6010B		10/30-11/02/00	DNRC11AH	
		Dilution Factor: 1			Analysis Time...: 21:34		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.050	
Chromium	27.2	1.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRC11AJ	
		Dilution Factor: 1			Analysis Time...: 21:34		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Beryllium	0.81	0.50	mg/kg	SW846 6010B		10/30-11/02/00	DNRC11AK	
		Dilution Factor: 1			Analysis Time...: 21:34		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.050	
Lead	5.9	0.50	mg/kg	SW846 6010B		10/30-11/02/00	DNRC11AL	
		Dilution Factor: 1			Analysis Time...: 21:34		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B		10/30-11/02/00	DNRC11AM	
		Dilution Factor: 1			Analysis Time...: 21:34		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.40	

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000104

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-250-10

## TOTAL Metals

Lot-Sample #...: E0J250276-010

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK	ORDER #
		LIMIT	UNITS					
Silver	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRC11AN	
		Dilution Factor: 1			Analysis Time...: 21:34		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Cobalt	14.3	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRC11AP	
		Dilution Factor: 1			Analysis Time...: 21:34		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Copper	31.9	2.5	mg/kg		SW846 6010B	10/30-11/02/00	DNRC11AQ	
		Dilution Factor: 1			Analysis Time...: 21:34		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.40	
Molybdenum	2.1 B	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRC11AR	
		Dilution Factor: 1			Analysis Time...: 21:34		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30	
Nickel	19.7	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRC11AT	
		Dilution Factor: 1			Analysis Time...: 21:34		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30	
Thallium	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRC11AU	
		Dilution Factor: 1			Analysis Time...: 21:34		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.50	
Vanadium	61.5	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRC11AV	
		Dilution Factor: 1			Analysis Time...: 21:34		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Zinc	97.2	2.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRC11AW	
		Dilution Factor: 1			Analysis Time...: 21:34		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 1.0	
Prep Batch #...: 0304281								
Mercury	ND	0.10	mg/kg		SW846 7471A	10/31-11/02/00	DNRC11AX	
		Dilution Factor: 1			Analysis Time...: 10:31		Analyst ID.....: 0210886	
		Instrument ID...: M04			MS Run #.....: 0304138		MDL.....: 0.020	

NOTE(S) :

B Estimated result. Result is less than RL.

000105

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-251-5

## TOTAL Metals

Lot-Sample #...: E0J250276-011  
 Date Sampled...: 10/25/00 10:05 Date Received..: 10/25/00 16:00  
 % Moisture.....:

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Prep Batch #...: 0304274							
Aluminum	35100	20.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRC31AE	
		Dilution Factor: 1		Analysis Time...: 21:42		Analyst ID.....: 003119	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 8.0	
Arsenic	4.6	1.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRC31AF	
		Dilution Factor: 1		Analysis Time...: 21:42		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.40	
Antimony	0.77 B	6.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRC31AG	
		Dilution Factor: 1		Analysis Time...: 21:42		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.20	
Barium	146	2.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRC31AH	
		Dilution Factor: 1		Analysis Time...: 21:42		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.10	
Cadmium	0.87	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNRC31AJ	
		Dilution Factor: 1		Analysis Time...: 21:42		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.050	
Chromium	29.0	1.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRC31AK	
		Dilution Factor: 1		Analysis Time...: 21:42		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.10	
Beryllium	0.84	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNRC31AL	
		Dilution Factor: 1		Analysis Time...: 21:42		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.050	
Lead	7.8	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNRC31AM	
		Dilution Factor: 1		Analysis Time...: 21:42		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNRC31AN	
		Dilution Factor: 1		Analysis Time...: 21:42		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.40	

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000106

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-251-5

## TOTAL Metals

Lot-Sample #...: E0J250276-011

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK	ORDER #
		LIMIT	UNITS					
Silver	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRC31AP	
		Dilution Factor: 1			Analysis Time...: 21:42		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Cobalt	12.6	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRC31AQ	
		Dilution Factor: 1			Analysis Time...: 21:42		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Copper	25.5	2.5	mg/kg		SW846 6010B	10/30-11/02/00	DNRC31AR	
		Dilution Factor: 1			Analysis Time...: 21:42		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.40	
Molybdenum	1.4 B	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRC31AT	
		Dilution Factor: 1			Analysis Time...: 21:42		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30	
Nickel	20.5	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRC31AU	
		Dilution Factor: 1			Analysis Time...: 21:42		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30	
Thallium	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRC31AV	
		Dilution Factor: 1			Analysis Time...: 21:42		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.50	
Vanadium	53.0	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRC31AW	
		Dilution Factor: 1			Analysis Time...: 21:42		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Zinc	80.4	2.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRC31AX	
		Dilution Factor: 1			Analysis Time...: 21:42		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 1.0	
<b>Prep Batch #...: 0304281</b>								
Mercury	ND	0.10	mg/kg		SW846 7471A	10/31-11/02/00	DNRC31AO	
		Dilution Factor: 1			Analysis Time...: 10:33		Analyst ID.....: 0210886	
		Instrument ID...: M04			MS Run #.....: 0304138		MDL.....: 0.020	

NOTE (S) :

B Estimated result. Result is less than RL.

000107

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-253-5

## TOTAL Metals

Lot-Sample #....: E0J250276-015  
 Date Sampled...: 10/25/00 13:30 Date Received..: 10/25/00 16:00  
 % Moisture.....:

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Prep Batch #....:	0304274						
Aluminum	24700	20.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRC81AF
		Dilution Factor: 1		Analysis Time...: 21:50		Analyst ID.....: 003119	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 8.0	
Arsenic	2.8	1.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRC81AG
		Dilution Factor: 1		Analysis Time...: 21:50		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.40	
Antimony	0.72 B	6.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRC81AH
		Dilution Factor: 1		Analysis Time...: 21:50		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.20	
Barium	109	2.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRC81AJ
		Dilution Factor: 1		Analysis Time...: 21:50		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.10	
Cadmium	0.64	0.50	mg/kg	SW846 6010B		10/30-11/02/00	DNRC81AK
		Dilution Factor: 1		Analysis Time...: 21:50		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.050	
Chromium	26.3	1.0	mg/kg	SW846 6010B		10/30-11/02/00	DNRC81AL
		Dilution Factor: 1		Analysis Time...: 21:50		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.10	
Beryllium	0.68	0.50	mg/kg	SW846 6010B		10/30-11/02/00	DNRC81AM
		Dilution Factor: 1		Analysis Time...: 21:50		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.050	
Lead	5.1	0.50	mg/kg	SW846 6010B		10/30-11/02/00	DNRC81AN
		Dilution Factor: 1		Analysis Time...: 21:50		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B		10/30-11/02/00	DNRC81AP
		Dilution Factor: 1		Analysis Time...: 21:50		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.40	

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000108

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-253-5

## TOTAL Metals

Lot-Sample #...: E0J250276-015

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK	ORDER #
		LIMIT	UNITS					
Silver	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00		DNRC81AQ
		Dilution Factor: 1			Analysis Time...: 21:50		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Cobalt	10.9	5.0	mg/kg		SW846 6010B	10/30-11/02/00		DNRC81AR
		Dilution Factor: 1			Analysis Time...: 21:50		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Copper	16.0	2.5	mg/kg		SW846 6010B	10/30-11/02/00		DNRC81AT
		Dilution Factor: 1			Analysis Time...: 21:50		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.40	
Molybdenum	0.69 B	4.0	mg/kg		SW846 6010B	10/30-11/02/00		DNRC81AU
		Dilution Factor: 1			Analysis Time...: 21:50		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30	
Nickel	18.5	4.0	mg/kg		SW846 6010B	10/30-11/02/00		DNRC81AV
		Dilution Factor: 1			Analysis Time...: 21:50		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30	
Thallium	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00		DNRC81AW
		Dilution Factor: 1			Analysis Time...: 21:50		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.50	
Vanadium	51.3	5.0	mg/kg		SW846 6010B	10/30-11/02/00		DNRC81AX
		Dilution Factor: 1			Analysis Time...: 21:50		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Zinc	46.7	2.0	mg/kg		SW846 6010B	10/30-11/02/00		DNRC81AO
		Dilution Factor: 1			Analysis Time...: 21:50		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 1.0	
Prep Batch #...:	0304281							
Mercury	0.031 B	0.10	mg/kg		SW846 7471A	10/31-11/02/00		DNRC81AA
		Dilution Factor: 1			Analysis Time...: 10:34		Analyst ID.....: 0210886	
		Instrument ID...: M04			MS Run #.....: 0304138		MDL.....: 0.020	

NOTE(S) :

B Estimated result. Result is less than RL.

000109

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-255-5

## TOTAL Metals

Lot-Sample #....: E0J250276-018  
 Date Sampled....: 10/25/00 14:10 Date Received...: 10/25/00 16:00  
 % Moisture.....:

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Prep Batch #....: 0304274							
Aluminum	26600	20.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRDC1AF	
		Dilution Factor: 1		Analysis Time...: 21:58	Analyst ID.....: 003119		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 8.0		
Arsenic	4.6	1.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRDC1AG	
		Dilution Factor: 1		Analysis Time...: 21:58	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.40		
Antimony	0.34 B	6.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRDC1AH	
		Dilution Factor: 1		Analysis Time...: 21:58	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.20		
Barium	178	2.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRDC1AJ	
		Dilution Factor: 1		Analysis Time...: 21:58	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.10		
Cadmium	0.90	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNRDC1AK	
		Dilution Factor: 1		Analysis Time...: 21:58	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.050		
Chromium	30.2	1.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRDC1AL	
		Dilution Factor: 1		Analysis Time...: 21:58	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.10		
Beryllium	0.71	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNRDC1AM	
		Dilution Factor: 1		Analysis Time...: 21:58	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.050		
Lead	8.6	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNRDC1AN	
		Dilution Factor: 1		Analysis Time...: 21:58	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.30		
Selenium	ND	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNRDC1AP	
		Dilution Factor: 1		Analysis Time...: 21:58	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.40		

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000110

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-255-5

## TOTAL Metals

Lot-Sample #....: E0J250276-018

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK	ORDER #
		LIMIT	UNITS					
Silver	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRDC1AQ	
		Dilution Factor: 1			Analysis Time...: 21:58		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Cobalt	13.8	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRDC1AR	
		Dilution Factor: 1			Analysis Time...: 21:58		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Copper	41.2	2.5	mg/kg		SW846 6010B	10/30-11/02/00	DNRDC1AT	
		Dilution Factor: 1			Analysis Time...: 21:58		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.40	
Molybdenum	1.4 B	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRDC1AU	
		Dilution Factor: 1			Analysis Time...: 21:58		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30	
Nickel	23.2	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRDC1AV	
		Dilution Factor: 1			Analysis Time...: 21:58		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30	
Thallium	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRDC1AW	
		Dilution Factor: 1			Analysis Time...: 21:58		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.50	
Vanadium	63.2	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRDC1AX	
		Dilution Factor: 1			Analysis Time...: 21:58		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Zinc	68.9	2.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRDC1AO	
		Dilution Factor: 1			Analysis Time...: 21:58		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 1.0	
<b>Prep Batch #....: 0304281</b>								
Mercury	ND	0.10	mg/kg		SW846 7471A	10/31-11/02/00	DNRDC1AA	
		Dilution Factor: 1			Analysis Time...: 10:37		Analyst ID.....: 0210886	
		Instrument ID...: M04			MS Run #.....: 0304138		MDL.....: 0.020	

**NOTE (S) :**

B Estimated result. Result is less than RL.

000111

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-256-5

## TOTAL Metals

Lot-Sample #...: E0J250276-020

Matrix.....: SOLID

Date Sampled...: 10/25/00 14:35 Date Received..: 10/25/00 16:00

% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0304274						
Aluminum	33000	20.0	mg/kg	SW846 6010B	10/30-11/02/00 DNRDE1AF	
		Dilution Factor: 1		Analysis Time...: 22:07	Analyst ID.....: 003119	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 8.0	
Arsenic	4.0	1.0	mg/kg	SW846 6010B	10/30-11/02/00 DNRDE1AG	
		Dilution Factor: 1		Analysis Time...: 22:07	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.40	
Antimony	0.71 B	6.0	mg/kg	SW846 6010B	10/30-11/02/00 DNRDE1AH	
		Dilution Factor: 1		Analysis Time...: 22:07	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.20	
Barium	181	2.0	mg/kg	SW846 6010B	10/30-11/02/00 DNRDE1AJ	
		Dilution Factor: 1		Analysis Time...: 22:07	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.10	
Cadmium	0.87	0.50	mg/kg	SW846 6010B	10/30-11/02/00 DNRDE1AK	
		Dilution Factor: 1		Analysis Time...: 22:07	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.050	
Chromium	32.9	1.0	mg/kg	SW846 6010B	10/30-11/02/00 DNRDE1AL	
		Dilution Factor: 1		Analysis Time...: 22:07	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.10	
Beryllium	0.87	0.50	mg/kg	SW846 6010B	10/30-11/02/00 DNRDE1AM	
		Dilution Factor: 1		Analysis Time...: 22:07	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.050	
Lead	6.6	0.50	mg/kg	SW846 6010B	10/30-11/02/00 DNRDE1AN	
		Dilution Factor: 1		Analysis Time...: 22:07	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/30-11/02/00 DNRDE1AP	
		Dilution Factor: 1		Analysis Time...: 22:07	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.40	

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000112

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-256-5

## TOTAL Metals

Lot-Sample #....: E0J250276-020

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK	ORDER #
		LIMIT	UNITS					
Silver	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRDE1AQ	
		Dilution Factor: 1			Analysis Time...: 22:07		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Cobalt	12.0	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRDE1AR	
		Dilution Factor: 1			Analysis Time...: 22:07		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Copper	19.8	2.5	mg/kg		SW846 6010B	10/30-11/02/00	DNRDE1AT	
		Dilution Factor: 1			Analysis Time...: 22:07		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.40	
Molybdenum	0.90 B	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRDE1AU	
		Dilution Factor: 1			Analysis Time...: 22:07		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30	
Nickel	24.3	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRDE1AV	
		Dilution Factor: 1			Analysis Time...: 22:07		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30	
Thallium	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRDE1AW	
		Dilution Factor: 1			Analysis Time...: 22:07		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.50	
Vanadium	64.6	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRDE1AX	
		Dilution Factor: 1			Analysis Time...: 22:07		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Zinc	58.6	2.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRDE1AO	
		Dilution Factor: 1			Analysis Time...: 22:07		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 1.0	
Prep Batch #....:	0304281							
Mercury	ND	0.10	mg/kg		SW846 7471A	10/31-11/02/00	DNRDE1AA	
		Dilution Factor: 1			Analysis Time...: 10:38		Analyst ID.....: 0210886	
		Instrument ID...: M04			MS Run #.....: 0304138		MDL.....: 0.020	

NOTE (S) :

B Estimated result. Result is less than RL.

000113

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-257-5

## TOTAL Metals

Lot-Sample #....: E0J250276-022

Matrix.....: SOLID

Date Sampled....: 10/25/00 15:00 Date Received..: 10/25/00 16:00

% Moisture.....:

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Prep Batch #....: 0304274							
Aluminum	21700	20.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRDG1AE	
		Dilution Factor: 1		Analysis Time...: 22:15	Analyst ID.....: 003119		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 8.0		
Arsenic	2.9	1.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRDG1AF	
		Dilution Factor: 1		Analysis Time...: 22:15	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.40		
Antimony	0.65 B	6.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRDG1AG	
		Dilution Factor: 1		Analysis Time...: 22:15	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.20		
Barium	124	2.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRDG1AH	
		Dilution Factor: 1		Analysis Time...: 22:15	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.10		
Cadmium	0.56	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNRDG1AJ	
		Dilution Factor: 1		Analysis Time...: 22:15	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.050		
Chromium	23.8	1.0	mg/kg	SW846 6010B		10/30-11/02/00 DNRDG1AK	
		Dilution Factor: 1		Analysis Time...: 22:15	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.10		
Beryllium	0.63	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNRDG1AL	
		Dilution Factor: 1		Analysis Time...: 22:15	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.050		
Lead	5.2	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNRDG1AM	
		Dilution Factor: 1		Analysis Time...: 22:15	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.30		
Selenium	ND	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNRDG1AN	
		Dilution Factor: 1		Analysis Time...: 22:15	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.40		

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000114

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-257-5

## TOTAL Metals

Lot-Sample #...: E0J250276-022

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK	ORDER #
		LIMIT	UNITS					
Silver	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRDG1AP	
		Dilution Factor: 1			Analysis Time...: 22:15		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Cobalt	9.9	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRDG1AQ	
		Dilution Factor: 1			Analysis Time...: 22:15		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Copper	17.5	2.5	mg/kg		SW846 6010B	10/30-11/02/00	DNRDG1AR	
		Dilution Factor: 1			Analysis Time...: 22:15		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.40	
Molybdenum	0.55 B	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRDG1AT	
		Dilution Factor: 1			Analysis Time...: 22:15		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30	
Nickel	16.2	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRDG1AU	
		Dilution Factor: 1			Analysis Time...: 22:15		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30	
Thallium	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRDG1AV	
		Dilution Factor: 1			Analysis Time...: 22:15		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.50	
Vanadium	45.7	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRDG1AW	
		Dilution Factor: 1			Analysis Time...: 22:15		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10	
Zinc	44.5	2.0	mg/kg		SW846 6010B	10/30-11/02/00	DNRDG1AX	
		Dilution Factor: 1			Analysis Time...: 22:15		Analyst ID.....: 0031196	
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 1.0	
Prep Batch #...: 0304281								
Mercury	0.031 B	0.10	mg/kg		SW846 7471A	10/31-11/02/00	DNRDG1AO	
		Dilution Factor: 1			Analysis Time...: 10:40		Analyst ID.....: 0210886	
		Instrument ID...: M04			MS Run #.....: 0304138		MDL.....: 0.020	

NOTE(S) :

B Estimated result. Result is less than RL.

000115

# QC DATA ASSOCIATION SUMMARY

E0J250276

## Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
001	SOLID	SW846 8015B		0300537	0301214
	SOLID	SW846 8015B		0304500	0307127
	SOLID	SW846 7471A		0304281	0304138
	SOLID	SW846 6010B		0304274	0304136
002	SOLID	SW846 8015B		0300537	0301214
	SOLID	SW846 8015B		0304500	0307127
	SOLID	SW846 7471A		0304281	0304138
	SOLID	SW846 6010B		0304274	0304136
003	SOLID	SW846 8015B		0300537	0301214
	SOLID	SW846 8015B		0304500	0307127
004	SOLID	SW846 8015B		0300537	0301214
	SOLID	SW846 8015B		0304500	0307127
	SOLID	SW846 7471A		0304281	0304138
	SOLID	SW846 6010B		0304274	0304136
005	SOLID	SW846 8015B		0300537	0301214
	SOLID	SW846 8015B		0304500	0307127
	SOLID	SW846 7471A		0304281	0304138
	SOLID	SW846 6010B		0304274	0304136
006	SOLID	SW846 8015B		0300537	0301214
	SOLID	SW846 8015B		0304500	0307127
007	SOLID	SW846 8015B		0300537	0301214
	SOLID	SW846 8015B		0304500	0307127
	SOLID	SW846 7471A		0304281	0304138
	SOLID	SW846 6010B		0304274	0304136
008	SOLID	SW846 7471A		0304281	0304138
	SOLID	SW846 6010B		0304274	0304136
009	SOLID	SW846 8015B		0300537	0301214
	SOLID	SW846 8015B		0304500	0307127
	SOLID	SW846 7471A		0304281	0304138
	SOLID	SW846 6010B		0304274	0304136
010	SOLID	SW846 7471A		0304281	0304138
	SOLID	SW846 6010B		0304274	0304136

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000116

# QC DATA ASSOCIATION SUMMARY

E0J250276

## Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
011	SOLID	SW846 8015B		0300537	0301214
	SOLID	SW846 8015B		0304500	0307127
	SOLID	SW846 7471A		0304281	0304138
	SOLID	SW846 8260B		0308373	0308201
	SOLID	SW846 6010B		0304274	0304136
012	SOLID	SW846 8015B		0300537	0301214
	SOLID	SW846 8015B		0304500	0307127
	SOLID	SW846 8260B		0308373	0308201
013	SOLID	SW846 8015B		0300537	0301214
	SOLID	SW846 8015B		0304500	0307127
	SOLID	SW846 8260B		0308373	0308201
014	SOLID	SW846 8082		0300523	0300273
015	SOLID	SW846 8015B		0300537	0301214
	SOLID	SW846 8015B		0304500	0307127
	SOLID	SW846 7471A		0304281	0304138
	SOLID	SW846 8260B		0308373	0308201
	SOLID	SW846 6010B		0304274	0304136
016	SOLID	SW846 8015B		0300537	0301214
	SOLID	SW846 8015B		0304500	0307127
	SOLID	SW846 8260B		0308373	0308201
017	SOLID	SW846 8015B		0300537	0301214
	SOLID	SW846 8015B		0304500	0307127
	SOLID	SW846 8260B		0308373	0308201
018	SOLID	SW846 8015B		0300537	0301214
	SOLID	SW846 8015B		0304500	0307127
	SOLID	SW846 7471A		0304281	0304138
	SOLID	SW846 8260B		0308373	0308201
	SOLID	SW846 6010B		0304274	0304136
019	SOLID	SW846 8260B		0308373	0308201
020	SOLID	SW846 8015B		0300537	0301214
	SOLID	SW846 8015B		0304500	0307127
	SOLID	SW846 7471A		0304281	0304138
	SOLID	SW846 8260B		0309145	0309032
	SOLID	SW846 6010B		0304274	0304136

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000117

# QC DATA ASSOCIATION SUMMARY

E0J250276

## Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
021	SOLID	SW846 8260B		0309145	0309032
022	SOLID	SW846 8015B		0300537	0301214
	SOLID	SW846 8015B		0304500	0307127
	SOLID	SW846 7471A		0304281	0304138
	SOLID	SW846 8260B		0309145	0309032
	SOLID	SW846 6010B		0304274	0304136
023	SOLID	SW846 8260B		0309145	0309032

000118

BOE-C6-0168432

KENNEDY/JENKS CONSULTANTS

Method Blank Report

GC/MS Volatiles

Lot-Sample #: E0K030000-373 B Work Order #: DPCD01AA Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

000119

KENNEDY/JENKS CONSULTANTS

Method Blank Report

GC/MS Volatiles

Lot-Sample #: EOK040000-145 B Work Order #: DPDFD1AA Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

000120

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #....: E0J250276  
MB Lot-Sample #: E0J260000-523  
  
Analysis Date..: 10/29/00  
Dilution Factor: 1

Work Order #....: DNWH01AA  
Prep Date.....: 10/26/00  
Prep Batch #....: 0300523  
  
Analyst ID.....: 018568

Matrix.....: SOLID  
Analysis Time...: 14:00  
Instrument ID...: G9A

PARAMETER  
Aroclor 1016  
Aroclor 1221  
Aroclor 1232  
Aroclor 1242  
Aroclor 1248  
Aroclor 1254  
Aroclor 1260

RESULT	REPORTING		
	LIMIT	UNITS	METHOD
ND	33	ug/kg	SW846 8082
ND	33	ug/kg	SW846 8082
ND	33	ug/kg	SW846 8082
ND	33	ug/kg	SW846 8082
ND	33	ug/kg	SW846 8082
ND	33	ug/kg	SW846 8082
ND	33	ug/kg	SW846 8082

SURROGATE  
Decachlorobiphenyl  
Tetrachloro-m-xylene

PERCENT RECOVERY	RECOVERY LIMITS	
	(60 - 140)	(60 - 140)
108	(60 - 140)	(60 - 140)
97	(60 - 140)	(60 - 140)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000121

BOE-C6-0168435

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: E0J250276      Work Order #...: DN0F51AA      Matrix.....: SOLID  
MB Lot-Sample #: E0J260000-537  
Analysis Date...: 11/13/00      Prep Date.....: 10/26/00      Analysis Time...: 23:17  
Dilution Factor: 1      Prep Batch #: 0300537      Instrument ID...: G03  
Analyst ID.....: 356074

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
C8-C9	ND	10	mg/kg	SW846 8015B
C10-C11	ND	10	mg/kg	SW846 8015B
C12-C13	ND	10	mg/kg	SW846 8015B
C14-C15	ND	10	mg/kg	SW846 8015B
C16-C17	ND	10	mg/kg	SW846 8015B
C18-C19	ND	10	mg/kg	SW846 8015B
C20-C23	ND	10	mg/kg	SW846 8015B
C24-C27	ND	10	mg/kg	SW846 8015B
C28-C31	ND	10	mg/kg	SW846 8015B
C32-C35	ND	10	mg/kg	SW846 8015B
C36-C39	ND	10	mg/kg	SW846 8015B
C40+	ND	10	mg/kg	SW846 8015B
Total Carbon Chain Range	ND	10	mg/kg	SW846 8015B
SURROGATE	PERCENT	RECOVERY		
		RECOVERY	LIMITS	
Benzo (a) pyrene	126	(60 - 130)		

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000122

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: E0J250276  
MB Lot-Sample #: E0J300000-500  
Analysis Date..: 10/27/00  
Dilution Factor: 1

Work Order #...: DN8R51AA  
Prep Date.....: 10/27/00  
Prep Batch #...: 0304500  
Analyst ID.....: 001464

Matrix.....: SOLID  
Analysis Time..: 04:07  
Instrument ID..: G15

PARAMETER	REPORTING			METHOD
	RESULT	LIMIT	UNITS	
C6-C8	0.29 J	1.0	mg/kg	SW846 8015B
SURROGATE	PERCENT	RECOVERY		
a,a,a-Trifluorotoluene (TFT)	RECOVERY	LIMITS		
	102	(60 - 130)		

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

000123

## METHOD BLANK REPORT

## GC/MS Volatiles

Client Lot #....: E0J250276  
 MB Lot-Sample #: E0K030000-373  
 Analysis Date...: 11/02/00  
 Dilution Factor: 1

Work Order #....: DPCD01AA  
 Prep Date.....: 11/02/00  
 Prep Batch #....: 0308373  
 Analyst ID.....: 004648

Matrix.....: SOLID  
 Analysis Time...: 21:31  
 Instrument ID..: MSG

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Acetone	ND	25	ug/kg	SW846 8260B
Acrylonitrile	ND	100	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Isopropyl ether	ND	10	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
t-Butanol	ND	100	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B

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000124

## METHOD BLANK REPORT

## GC/MS Volatiles

Client Lot #....: E0J250276

Work Order #....: DPCD01AA

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD
		LIMIT	UNITS	
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Tert-amyl methyl ether	ND	10	ug/kg	SW846 8260B
Tert-butyl ethyl ether	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B
<hr/>		PERCENT	RECOVERY	
SURROGATE		RECOVERY	LIMITS	
Bromofluorobenzene	110	(70 - 130)		
1,2-Dichloroethane-d4	106	(60 - 140)		
Toluene-d8	104	(70 - 130)		

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000125

## METHOD BLANK REPORT

## GC/MS Volatiles

Client Lot #....: E0J250276  
 MB Lot-Sample #: E0K040000-145  
 Analysis Date...: 11/03/00  
 Dilution Factor: 1

Work Order #....: DPDFD1AA  
 Prep Date.....: 11/03/00  
 Prep Batch #:....: 0309145  
 Analyst ID.....: 015590

Matrix.....: SOLID  
 Analysis Time...: 22:15  
 Instrument ID...: MSG

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Acetone	ND	25	ug/kg	SW846 8260B
Acrylonitrile	ND	100	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Isopropyl ether	ND	10	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
t-Butanol	ND	100	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B

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000126

## METHOD BLANK REPORT

## GC/MS Volatiles

Client Lot #....: E0J250276

Work Order #....: DPDFD1AA

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Tert-amyl methyl ether	ND	10	ug/kg	SW846 8260B
Tert-butyl ethyl ether	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B
<u>SURROGATE</u>		<u>PERCENT</u>	<u>RECOVERY</u>	
		<u>RECOVERY</u>	<u>LIMITS</u>	
Bromofluorobenzene	107	(70 - 130)		
1,2-Dichloroethane-d4	93	(60 - 140)		
Toluene-d8	107	(70 - 130)		

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000127

## METHOD BLANK REPORT

## TOTAL Metals

Client Lot #....: E0J250276

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
<b>MB Lot-Sample #: E0J300000-274 Prep Batch #....: 0304274</b>						
Aluminum	ND	20.0	mg/kg	SW846 6010B	10/30-11/02/00	DN2QR1AA
		Dilution Factor: 1				
		Analysis Time...: 03:42		Analyst ID.....: 003119	Instrument ID...: M01	
Arsenic	ND	1.0	mg/kg	SW846 6010B	10/30-11/02/00	DN2QR1AC
		Dilution Factor: 1				
		Analysis Time...: 03:42		Analyst ID.....: 003119	Instrument ID...: M01	
Antimony	0.34 B	6.0	mg/kg	SW846 6010B	10/30-11/02/00	DN2QR1AD
		Dilution Factor: 1				
		Analysis Time...: 03:42		Analyst ID.....: 003119	Instrument ID...: M01	
Barium	ND	2.0	mg/kg	SW846 6010B	10/30-11/02/00	DN2QR1AE
		Dilution Factor: 1				
		Analysis Time...: 03:42		Analyst ID.....: 003119	Instrument ID...: M01	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/30-11/02/00	DN2QR1AF
		Dilution Factor: 1				
		Analysis Time...: 03:42		Analyst ID.....: 003119	Instrument ID...: M01	
Chromium	0.17 B	1.0	mg/kg	SW846 6010B	10/30-11/02/00	DN2QR1AG
		Dilution Factor: 1				
		Analysis Time...: 03:42		Analyst ID.....: 003119	Instrument ID...: M01	
Beryllium	ND	0.50	mg/kg	SW846 6010B	10/30-11/02/00	DN2QR1AH
		Dilution Factor: 1				
		Analysis Time...: 03:42		Analyst ID.....: 003119	Instrument ID...: M01	
Lead	ND	0.50	mg/kg	SW846 6010B	10/30-11/02/00	DN2QR1AJ
		Dilution Factor: 1				
		Analysis Time...: 03:42		Analyst ID.....: 003119	Instrument ID...: M01	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/30-11/02/00	DN2QR1AK
		Dilution Factor: 1				
		Analysis Time...: 03:42		Analyst ID.....: 003119	Instrument ID...: M01	
Silver	ND	1.0	mg/kg	SW846 6010B	10/30-11/02/00	DN2QR1AL
		Dilution Factor: 1				
		Analysis Time...: 03:42		Analyst ID.....: 003119	Instrument ID...: M01	
Cobalt	ND	5.0	mg/kg	SW846 6010B	10/30-11/02/00	DN2QR1AM
		Dilution Factor: 1				
		Analysis Time...: 03:42		Analyst ID.....: 003119	Instrument ID...: M01	

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000128

## METHOD BLANK REPORT

## TOTAL Metals

Client Lot #....: E0J250276

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK
		LIMIT	UNITS				
Copper	ND	2.5	mg/kg		SW846 6010B	10/30-11/02/00	DN2QR1AN
		Dilution Factor: 1					
		Analysis Time...: 03:42			Analyst ID.....: 003119		Instrument ID...: M01
Molybdenum	ND	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DN2QR1AP
		Dilution Factor: 1					
		Analysis Time...: 03:42			Analyst ID.....: 003119		Instrument ID...: M01
Nickel	ND	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DN2QR1AQ
		Dilution Factor: 1					
		Analysis Time...: 03:42			Analyst ID.....: 003119		Instrument ID...: M01
Thallium	0.55 B	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DN2QR1AR
		Dilution Factor: 1					
		Analysis Time...: 03:42			Analyst ID.....: 003119		Instrument ID...: M01
Vanadium	ND	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DN2QR1AT
		Dilution Factor: 1					
		Analysis Time...: 03:42			Analyst ID.....: 003119		Instrument ID...: M01
Zinc	ND	2.0	mg/kg		SW846 6010B	10/30-11/02/00	DN2QR1AU
		Dilution Factor: 1					
		Analysis Time...: 03:42			Analyst ID.....: 003119		Instrument ID...: M01

MB Lot-Sample #: E0J300000-281 Prep Batch #....: 0304281

Mercury	ND	0.10	mg/kg	SW846 7471A	10/31-11/02/00	DN2QW1AA
		Dilution Factor: 1				
		Analysis Time...: 10:07		Analyst ID.....: 021088		Instrument ID...: M04

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

000129

## LABORATORY CONTROL SAMPLE DATA REPORT

## GC Semivolatiles

Client Lot #....: E0J250276      Work Order #....: DNWH01AC      Matrix.....: SOLID  
 LCS Lot-Sample#: E0J260000-523  
 Prep Date.....: 10/26/00      Analysis Date...: 10/29/00  
 Prep Batch #....: 0300523      Analysis Time...: 14:40  
 Dilution Factor: 1      Instrument ID...: G9A  
 Analyst ID.....: 018568

<u>PARAMETER</u>	SPIKE <u>AMOUNT</u>	MEASURED <u>AMOUNT</u>	PERCENT <u>UNITS</u>	RECOVERY	METHOD
Aroclor 1016	333	333	ug/kg	100	SW846 8082
Aroclor 1260	333	324	ug/kg	97	SW846 8082

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
Decachlorobiphenyl	108	(60 - 140)
Tetrachloro-m-xylene	108	(60 - 140)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000130

## LABORATORY CONTROL SAMPLE DATA REPORT

## GC Semivolatiles

Client Lot #....: E0J250276      Work Order #....: DN0F51AC      Matrix.....: SOLID  
 LCS Lot-Sample#: E0J260000-537  
 Prep Date.....: 10/26/00      Analysis Date...: 11/13/00  
 Prep Batch #....: 0300537      Analysis Time..: 23:56  
 Dilution Factor: 1      Instrument ID..: G03  
 Analyst ID.....: 356074

<u>PARAMETER</u>	SPIKE <u>AMOUNT</u>	MEASURED <u>AMOUNT</u>	PERCENT <u>UNITS</u>	RECOVERY	METHOD
TPH (as Diesel)	250	253	mg/kg	101	SW846 8015B
Diesel Range Organics (C10-C25)	250	253	mg/kg	101	SW846 8015B
<u>SURROGATE</u>		PERCENT <u>RECOVERY</u>	RECOVERY		
Benzo (a) pyrene		114	LIMITS	(60 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000131

## LABORATORY CONTROL SAMPLE DATA REPORT

## GC Volatiles

Client Lot #....: E0J250276      Work Order #....: DN8R51AC      Matrix.....: SOLID  
 LCS Lot-Sample#: E0J300000-500  
 Prep Date.....: 10/27/00      Analysis Date...: 10/27/00  
 Prep Batch #....: 0304500      Analysis Time...: 03:41  
 Dilution Factor: 1      Instrument ID...: G15  
 Analyst ID.....: 001464

<u>PARAMETER</u>	SPIKE <u>AMOUNT</u>	MEASURED <u>AMOUNT</u>	PERCENT <u>RECOVERY</u>	METHOD
<b>TPH (as Gasoline)</b>	<b>5.00</b>	<b>5.69</b>	<b>114</b>	<b>SW846 8015B</b>
<u>SURROGATE</u>		PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>	
a,a,a-Trifluorotoluene (TFT)		120	(60 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000132

## LABORATORY CONTROL SAMPLE DATA REPORT

## GC/MS Volatiles

Client Lot #....: E0J250276      Work Order #....: DPCD01AC      Matrix.....: SOLID  
 LCS Lot-Sample#: E0K030000-373  
 Prep Date.....: 11/02/00      Analysis Date...: 11/02/00  
 Prep Batch #....: 0308373      Analysis Time...: 20:58  
 Dilution Factor: 1      Instrument ID...: MSG  
 Analyst ID.....: 004648

<u>PARAMETER</u>	SPIKE <u>AMOUNT</u>	MEASURED <u>AMOUNT</u>	UNITS	PERCENT <u>RECOVERY</u>	METHOD
Benzene	50.0	46.8	ug/kg	94	SW846 8260B
Chlorobenzene	50.0	49.6	ug/kg	99	SW846 8260B
1,1-Dichloroethene	50.0	51.1	ug/kg	102	SW846 8260B
Toluene	50.0	57.0	ug/kg	114	SW846 8260B
Trichloroethene	50.0	51.3	ug/kg	103	SW846 8260B

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
Bromofluorobenzene	105	(70 - 130)
1,2-Dichloroethane-d4	91	(60 - 140)
Toluene-d8	116	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000133

## LABORATORY CONTROL SAMPLE DATA REPORT

## GC/MS Volatiles

Client Lot #....: E0J250276      Work Order #....: DPDFD1AC      Matrix.....: SOLID  
 LCS Lot-Sample#: E0K040000-145  
 Prep Date.....: 11/03/00      Analysis Date...: 11/03/00  
 Prep Batch #....: 0309145      Analysis Time...: 21:42  
 Dilution Factor: 1      Instrument ID...: MSG  
 Analyst ID.....: 015590

<u>PARAMETER</u>	SPIKE <u>AMOUNT</u>	MEASURED <u>AMOUNT</u>	UNITS	PERCENT <u>RECOVERY</u>	METHOD
Benzene	50.0	56.7	ug/kg	113	SW846 8260B
Chlorobenzene	50.0	52.7	ug/kg	105	SW846 8260B
1,1-Dichloroethene	50.0	69.2	ug/kg	138	SW846 8260B
Toluene	50.0	55.4	ug/kg	111	SW846 8260B
Trichloroethene	50.0	61.0	ug/kg	122	SW846 8260B

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
Bromofluorobenzene	106	(70 - 130)
1,2-Dichloroethane-d4	102	(60 - 140)
Toluene-d8	106	(70 - 130)

**NOTE (S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000134

## LABORATORY CONTROL SAMPLE DATA REPORT

## TOTAL Metals

Client Lot #....: E0J250276						Matrix.....: SOLID
PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	PREPARATION- ANALYSIS DATE	WORK ORDER #
<b>LCS Lot-Sample#:</b> E0J300000-274 <b>Prep Batch #....:</b> 0304274						
Aluminum	200	190	mg/kg	95	SW846 6010B	10/30-11/02/00 DN2QR1AV
			Dilution Factor:	1		
			Analysis Time...:	03:48	Analyst ID.....: 003119	Instrument ID..: M01
Arsenic	200	191	mg/kg	95	SW846 6010B	10/30-11/02/00 DN2QR1AW
			Dilution Factor:	1		
			Analysis Time...:	03:48	Analyst ID.....: 003119	Instrument ID..: M01
Antimony	50.0	48.4	mg/kg	97	SW846 6010B	10/30-11/02/00 DN2QR1AX
			Dilution Factor:	1		
			Analysis Time...:	03:48	Analyst ID.....: 003119	Instrument ID..: M01
Barium	200	199	mg/kg	99	SW846 6010B	10/30-11/02/00 DN2QR1A0
			Dilution Factor:	1		
			Analysis Time...:	03:48	Analyst ID.....: 003119	Instrument ID..: M01
Cadmium	5.00	5.18	mg/kg	104	SW846 6010B	10/30-11/02/00 DN2QR1A1
			Dilution Factor:	1		
			Analysis Time...:	03:48	Analyst ID.....: 003119	Instrument ID..: M01
Chromium	20.0	20.7	mg/kg	103	SW846 6010B	10/30-11/02/00 DN2QR1A2
			Dilution Factor:	1		
			Analysis Time...:	03:48	Analyst ID.....: 003119	Instrument ID..: M01
Beryllium	5.00	4.94	mg/kg	99	SW846 6010B	10/30-11/02/00 DN2QR1A3
			Dilution Factor:	1		
			Analysis Time...:	03:48	Analyst ID.....: 003119	Instrument ID..: M01
Lead	50.0	49.6	mg/kg	99	SW846 6010B	10/30-11/02/00 DN2QR1A4
			Dilution Factor:	1		
			Analysis Time...:	03:48	Analyst ID.....: 003119	Instrument ID..: M01
Selenium	200	192	mg/kg	96	SW846 6010B	10/30-11/02/00 DN2QR1A5
			Dilution Factor:	1		
			Analysis Time...:	03:48	Analyst ID.....: 003119	Instrument ID..: M01
Silver	5.00	4.56	mg/kg	91	SW846 6010B	10/30-11/02/00 DN2QR1A6
			Dilution Factor:	1		
			Analysis Time...:	03:48	Analyst ID.....: 003119	Instrument ID..: M01

(Continued on next page)

000135

**LABORATORY CONTROL SAMPLE DATA REPORT**

**TOTAL Metals**

**Client Lot #....:** E0J250276

**Matrix.....:** SOLID

PARAMETER	SPIKE	MEASURED	UNITS	PERCNT		METHOD	PREPARATION-	WORK
	AMOUNT	AMOUNT		RECVRY	ANALYSIS DATE		ANALYSIS DATE	ORDER #
Cobalt	50.0	52.4	mg/kg	105	SW846	6010B	10/30-11/02/00	DN2QR1A7
			Dilution Factor: 1					
			Analysis Time...: 03:48			Analyst ID.....: 003119		Instrument ID...: M01
Copper	25.0	24.6	mg/kg	98	SW846	6010B	10/30-11/02/00	DN2QR1A8
			Dilution Factor: 1					
			Analysis Time...: 03:48			Analyst ID.....: 003119		Instrument ID...: M01
Molybdenum	100	97.9	mg/kg	98	SW846	6010B	10/30-11/02/00	DN2QR1A9
			Dilution Factor: 1					
			Analysis Time...: 03:48			Analyst ID.....: 003119		Instrument ID...: M01
Nickel	50.0	51.6	mg/kg	103	SW846	6010B	10/30-11/02/00	DN2QR1CA
			Dilution Factor: 1					
			Analysis Time...: 03:48			Analyst ID.....: 003119		Instrument ID...: M01
Thallium	200	198	mg/kg	99	SW846	6010B	10/30-11/02/00	DN2QR1CC
			Dilution Factor: 1					
			Analysis Time...: 03:48			Analyst ID.....: 003119		Instrument ID...: M01
Vanadium	50.0	49.6	mg/kg	99	SW846	6010B	10/30-11/02/00	DN2QR1CD
			Dilution Factor: 1					
			Analysis Time...: 03:48			Analyst ID.....: 003119		Instrument ID...: M01
Zinc	50.0	49.4	mg/kg	99	SW846	6010B	10/30-11/02/00	DN2QR1CE
			Dilution Factor: 1					
			Analysis Time...: 03:48			Analyst ID.....: 003119		Instrument ID...: M01
<b>LCS Lot-Sample#:</b> E0J300000-281 <b>Prep Batch #....:</b> 0304281								
Mercury	0.833	0.849	mg/kg	102	SW846	7471A	10/31-11/02/00	DN2QW1AC
			Dilution Factor: 1					
			Analysis Time...: 10:09			Analyst ID.....: 021088		Instrument ID...: M04

**NOTE (S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

**000136**

## LABORATORY CONTROL SAMPLE EVALUATION REPORT

## GC Semivolatiles

Client Lot #....: E0J250276      Work Order #....: DNWH01AC      Matrix.....: SOLID  
LCS Lot-Sample#: E0J260000-523  
Prep Date.....: 10/26/00      Analysis Date...: 10/29/00  
Prep Batch #....: 0300523      Analysis Time...: 14:40  
Dilution Factor: 1      Instrument ID...: G9A  
Analyst ID.....: 018568

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	
	<u>RECOVERY</u>	<u>LIMITS</u>	<u>METHOD</u>
Aroclor 1016	100	(65 - 130)	SW846 8082
Aroclor 1260	97	(70 - 130)	SW846 8082

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Decachlorobiphenyl	108	(60 - 140)
Tetrachloro-m-xylene	108	(60 - 140)

**NOTE (S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000137

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #....: E0J250276      Work Order #....: DN0F51AC      Matrix.....: SOLID  
LCS Lot-Sample#: E0J260000-537  
Prep Date.....: 10/26/00      Analysis Date...: 11/13/00  
Prep Batch #....: 0300537      Analysis Time...: 23:56  
Dilution Factor: 1      Instrument ID...: G03  
Analyst ID.....: 356074

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>METHOD</u>
<u>RECOVERY</u>	<u>LIMITS</u>		
<b>TPH (as Diesel)</b>	<b>101</b>	(60 - 130)	<b>SW846 8015B</b>
Diesel Range Organics (C10-C25)	101	(60 - 130)	<b>SW846 8015B</b>
<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>	
<u>RECOVERY</u>	<u>LIMITS</u>		
Benzo (a) pyrene	114	(60 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000138

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #....: E0J250276      Work Order #....: DN8R51AC      Matrix.....: SOLID  
LCS Lot-Sample#: E0J300000-500  
Prep Date.....: 10/27/00      Analysis Date...: 10/27/00  
Prep Batch #....: 0304500      Analysis Time...: 03:41  
Dilution Factor: 1      Instrument ID...: G15  
Analyst ID.....: 001464

PARAMETER	PERCENT	RECOVERY	METHOD
	<u>RECOVERY</u>	<u>LIMITS</u>	
TPH (as Gasoline)	114	(80 - 140)	SW846 8015B
SURROGATE	PERCENT	RECOVERY	
a,a,a-Trifluorotoluene (TFT)	120	(60 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000139

## LABORATORY CONTROL SAMPLE EVALUATION REPORT

## GC/MS Volatiles

Client Lot #....: E0J250276      Work Order #....: DPCD01AC      Matrix.....: SOLID  
 LCS Lot-Sample#: E0K030000-373  
 Prep Date.....: 11/02/00      Analysis Date...: 11/02/00  
 Prep Batch #....: 0308373      Analysis Time..: 20:58  
 Dilution Factor: 1      Instrument ID...: MSG  
 Analyst ID.....: 004648

<u>PARAMETER</u>	PERCENT	RECOVERY	<u>METHOD</u>
<u>RECOVERY</u>	<u>LIMITS</u>		
Benzene	94	(70 - 140)	SW846 8260B
Chlorobenzene	99	(70 - 130)	SW846 8260B
1,1-Dichloroethene	102	(60 - 150)	SW846 8260B
Toluene	114	(70 - 130)	SW846 8260B
Trichloroethene	103	(70 - 130)	SW846 8260B

<u>SURROGATE</u>	PERCENT	RECOVERY
<u>RECOVERY</u>	<u>LIMITS</u>	
Bromofluorobenzene	105	(70 - 130)
1,2-Dichloroethane-d4	91	(60 - 140)
Toluene-d8	116	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000140

## LABORATORY CONTROL SAMPLE EVALUATION REPORT

## GC/MS Volatiles

Client Lot #....: E0J250276      Work Order #....: DPDFD1AC      Matrix.....: SOLID  
 LCS Lot-Sample#: E0K040000-145  
 Prep Date.....: 11/03/00      Analysis Date...: 11/03/00  
 Prep Batch #....: 0309145      Analysis Time...: 21:42  
 Dilution Factor: 1      Instrument ID...: MSG  
 Analyst ID.....: 015590

<u>PARAMETER</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>	<u>METHOD</u>
Benzene	113	(70 - 140)	SW846 8260B
Chlorobenzene	105	(70 - 130)	SW846 8260B
1,1-Dichloroethene	138	(60 - 150)	SW846 8260B
Toluene	111	(70 - 130)	SW846 8260B
Trichloroethene	122	(70 - 130)	SW846 8260B

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
Bromofluorobenzene	106	(70 - 130)
1,2-Dichloroethane-d4	102	(60 - 140)
Toluene-d8	106	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000141

**LABORATORY CONTROL SAMPLE EVALUATION REPORT**

**TOTAL Metals**

**Client Lot #....:** E0J250276

**Matrix.....:** SOLID

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
LCS Lot-Sample#:	E0J300000-274	Prep Batch #....:	0304274		
Aluminum	95	(80 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1AV
		Dilution Factor: 1			
		Analysis Time...: 03:48	Analyst ID.....: 003119	Instrument ID...: M01	
Arsenic	95	(75 - 115)	SW846 6010B	10/30-11/02/00	DN2QR1AW
		Dilution Factor: 1			
		Analysis Time...: 03:48	Analyst ID.....: 003119	Instrument ID...: M01	
Antimony	97	(75 - 115)	SW846 6010B	10/30-11/02/00	DN2QR1AX
		Dilution Factor: 1			
		Analysis Time...: 03:48	Analyst ID.....: 003119	Instrument ID...: M01	
Barium	99	(80 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1A0
		Dilution Factor: 1			
		Analysis Time...: 03:48	Analyst ID.....: 003119	Instrument ID...: M01	
Cadmium	104	(80 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1A1
		Dilution Factor: 1			
		Analysis Time...: 03:48	Analyst ID.....: 003119	Instrument ID...: M01	
Chromium	103	(85 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1A2
		Dilution Factor: 1			
		Analysis Time...: 03:48	Analyst ID.....: 003119	Instrument ID...: M01	
Beryllium	99	(80 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1A3
		Dilution Factor: 1			
		Analysis Time...: 03:48	Analyst ID.....: 003119	Instrument ID...: M01	
Lead	99	(80 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1A4
		Dilution Factor: 1			
		Analysis Time...: 03:48	Analyst ID.....: 003119	Instrument ID...: M01	
Selenium	96	(70 - 115)	SW846 6010B	10/30-11/02/00	DN2QR1A5
		Dilution Factor: 1			
		Analysis Time...: 03:48	Analyst ID.....: 003119	Instrument ID...: M01	
Silver	91	(80 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1A6
		Dilution Factor: 1			
		Analysis Time...: 03:48	Analyst ID.....: 003119	Instrument ID...: M01	

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**000142**

**LABORATORY CONTROL SAMPLE EVALUATION REPORT**

**TOTAL Metals**

**Client Lot #....:** E0J250276

**Matrix.....:** SOLID

<b>PARAMETER</b>	<b>PERCENT</b>	<b>RECOVERY</b>	<b>METHOD</b>	<b>PREPARATION-</b>	
	<b>RECOVERY</b>	<b>LIMITS</b>		<b>ANALYSIS DATE</b>	<b>WORK ORDER #</b>
Cobalt	105	(80 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1A7
		Dilution Factor: 1			
		Analysis Time...: 03:48	Analyst ID.....: 003119	Instrument ID...: M01	
Copper	98	(80 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1A8
		Dilution Factor: 1			
		Analysis Time...: 03:48	Analyst ID.....: 003119	Instrument ID...: M01	
Molybdenum	98	(80 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1A9
		Dilution Factor: 1			
		Analysis Time...: 03:48	Analyst ID.....: 003119	Instrument ID...: M01	
Nickel	103	(80 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1CA
		Dilution Factor: 1			
		Analysis Time...: 03:48	Analyst ID.....: 003119	Instrument ID...: M01	
Thallium	99	(75 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1CC
		Dilution Factor: 1			
		Analysis Time...: 03:48	Analyst ID.....: 003119	Instrument ID...: M01	
Vanadium	99	(80 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1CD
		Dilution Factor: 1			
		Analysis Time...: 03:48	Analyst ID.....: 003119	Instrument ID...: M01	
Zinc	99	(80 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1CE
		Dilution Factor: 1			
		Analysis Time...: 03:48	Analyst ID.....: 003119	Instrument ID...: M01	
<b>LCS Lot-Sample#:</b>	E0J300000-281 <b>Prep Batch #....:</b> 0304281				
Mercury	102	(85 - 115)	SW846 7471A	10/31-11/02/00	DN2QW1AC
		Dilution Factor: 1			
		Analysis Time...: 10:09	Analyst ID.....: 021088	Instrument ID...: M04	

**NOTE (S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

**000143**

**MATRIX SPIKE SAMPLE DATA REPORT**

**TOTAL Metals**

Client Lot #....: E0J250276

Matrix.....: SOLID

Date Sampled...: 10/25/00 08:10 Date Received...: 10/25/00 16:00

<u>PARAMETER</u>	<u>SAMPLE AMOUNT</u>	<u>SPIKE AMT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCNT RECVRY</u>	<u>RPD</u>	<u>PREPARATION-ANALYSIS DATE</u>	<u>WORK ORDER #</u>
<b>MS Lot-Sample #: E0J250276-001 Prep Batch #....: 0304274</b>								
Aluminum								
	26600	200	27000	NC mg/kg			SW846 6010B	10/30-11/02/00 DNRCJ1A2
	26600	200	25800	NC mg/kg			SW846 6010B	10/30-11/02/00 DNRCJ1A3
			Dilution Factor: 1					
			Analysis Time...: 04:12				Instrument ID...: M01	Analyst ID.....: 003119
			MS Run #.....: 0304136					
Arsenic								
	4.4	200	185	mg/kg	90		SW846 6010B	10/30-11/02/00 DNRCJ1A4
	4.4	200	181	mg/kg	88	2.2	SW846 6010B	10/30-11/02/00 DNRCJ1A5
			Dilution Factor: 1					
			Analysis Time...: 04:12				Instrument ID...: M01	Analyst ID.....: 003119
			MS Run #.....: 0304136					
Antimony								
	0.97	50.0	14.6	N mg/kg	27		SW846 6010B	10/30-11/02/00 DNRCJ1A6
	0.97	50.0	14.6	N mg/kg	27	0.04	SW846 6010B	10/30-11/02/00 DNRCJ1A7
			Dilution Factor: 1					
			Analysis Time...: 04:12				Instrument ID...: M01	Analyst ID.....: 003119
			MS Run #.....: 0304136					
Barium								
	178	200	358	mg/kg	90		SW846 6010B	10/30-11/02/00 DNRCJ1A8
	178	200	358	mg/kg	90	0.0	SW846 6010B	10/30-11/02/00 DNRCJ1A9
			Dilution Factor: 1					
			Analysis Time...: 04:12				Instrument ID...: M01	Analyst ID.....: 003119
			MS Run #.....: 0304136					
Cadmium								
	0.76	5.00	5.60	mg/kg	97		SW846 6010B	10/30-11/02/00 DNRCJ1CA
	0.76	5.00	5.54	mg/kg	95	1.1	SW846 6010B	10/30-11/02/00 DNRCJ1CC
			Dilution Factor: 1					
			Analysis Time...: 04:12				Instrument ID...: M01	Analyst ID.....: 003119
			MS Run #.....: 0304136					
Chromium								
	30.1	20.0	48.8	mg/kg	94		SW846 6010B	10/30-11/02/00 DNRCJ1CD
	30.1	20.0	47.2	mg/kg	86	3.4	SW846 6010B	10/30-11/02/00 DNRCJ1CE
			Dilution Factor: 1					
			Analysis Time...: 04:12				Instrument ID...: M01	Analyst ID.....: 003119
			MS Run #.....: 0304136					

(Continued on next page)

**000144**

**MATRIX SPIKE SAMPLE DATA REPORT**

**TOTAL Metals**

Client Lot #....: E0J250276

Matrix.....: SOLID

Date Sampled....: 10/25/00 08:10 Date Received...: 10/25/00 16:00

PARAMETER	SAMPLE	SPIKE	MEASURED	PERCNT			PREPARATION-	WORK
	AMOUNT	AMT	AMOUNT	UNITS	RECVRY	RPD	ANALYSIS DATE	ORDER #
<b>Beryllium</b>								
	0.71	5.00	5.52	mg/kg	96		SW846 6010B	10/30-11/02/00 DNRCJ1CF
	0.71	5.00	5.37	mg/kg	93	2.6	SW846 6010B	10/30-11/02/00 DNRCJ1CG
	Dilution Factor: 1							
	Analysis Time...: 04:12							
	Instrument ID...: M01							
	MS Run #.....: 0304136							
<b>Lead</b>								
	7.1	50.0	54.2	mg/kg	94		SW846 6010B	10/30-11/02/00 DNRCJ1CH
	7.1	50.0	53.1	mg/kg	92	2.1	SW846 6010B	10/30-11/02/00 DNRCJ1CJ
	Dilution Factor: 1							
	Analysis Time...: 04:12							
	Instrument ID...: M01							
	MS Run #.....: 0304136							
<b>Selenium</b>								
	ND	200	181	mg/kg	90		SW846 6010B	10/30-11/02/00 DNRCJ1CK
	ND	200	180	mg/kg	90	0.38	SW846 6010B	10/30-11/02/00 DNRCJ1CL
	Dilution Factor: 1							
	Analysis Time...: 04:12							
	Instrument ID...: M01							
	MS Run #.....: 0304136							
<b>Silver</b>								
	ND	5.00	3.94	N	mg/kg	79		SW846 6010B
	ND	5.00	3.90	N	mg/kg	78	0.94	SW846 6010B
	Dilution Factor: 1							
	Analysis Time...: 04:12							
	Instrument ID...: M01							
	MS Run #.....: 0304136							
<b>Cobalt</b>								
	11.0	50.0	60.6	mg/kg	99		SW846 6010B	10/30-11/02/00 DNRCJ1CP
	11.0	50.0	59.1	mg/kg	96	2.6	SW846 6010B	10/30-11/02/00 DNRCJ1CQ
	Dilution Factor: 1							
	Analysis Time...: 04:12							
	Instrument ID...: M01							
	MS Run #.....: 0304136							
<b>Copper</b>								
	24.5	25.0	48.1	mg/kg	94		SW846 6010B	10/30-11/02/00 DNRCJ1CR
	24.5	25.0	45.9	mg/kg	86	4.7	SW846 6010B	10/30-11/02/00 DNRCJ1CT
	Dilution Factor: 1							
	Analysis Time...: 04:12							
	Instrument ID...: M01							
	MS Run #.....: 0304136							
<b>Molybdenum</b>								
	1.4	100	89.5	mg/kg	88		SW846 6010B	10/30-11/02/00 DNRCJ1CU
	1.4	100	87.2	mg/kg	86	2.7	SW846 6010B	10/30-11/02/00 DNRCJ1CV
	Dilution Factor: 1							
	Analysis Time...: 04:12							
	Instrument ID...: M01							
	MS Run #.....: 0304136							

**000145**

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E0J250276

Matrix.....: SOLID

Date Sampled....: 10/25/00 08:10 Date Received...: 10/25/00 16:00

PARAMETER	SAMPLE	SPIKE	MEASURED	PERCNT			PREPARATION-	WORK	ORDER #
	AMOUNT	AMT	AMOUNT	UNITS	RECVRY	RPD	METHOD	ANALYSIS DATE	
<b>Nickel</b>									
	21.6	50.0	69.6	mg/kg	96		SW846 6010B	10/30-11/02/00	DNRCJ1CW
	21.6	50.0	67.8	mg/kg	92	2.6	SW846 6010B	10/30-11/02/00	DNRCJ1CX
	Dilution Factor: 1								
	Analysis Time...: 04:12								
	Instrument ID...: M01								
	MS Run #.....: 0304136								
<b>Thallium</b>									
	1.3	200	194	mg/kg	96		SW846 6010B	10/30-11/02/00	DNRCJ1C0
	1.3	200	189	mg/kg	94	2.2	SW846 6010B	10/30-11/02/00	DNRCJ1C1
	Dilution Factor: 1								
	Analysis Time...: 04:12								
	Instrument ID...: M01								
	MS Run #.....: 0304136								
<b>Vanadium</b>									
	59.2	50.0	106	mg/kg	93		SW846 6010B	10/30-11/02/00	DNRCJ1C2
	59.2	50.0	101	mg/kg	84	4.6	SW846 6010B	10/30-11/02/00	DNRCJ1C3
	Dilution Factor: 1								
	Analysis Time...: 04:12								
	Instrument ID...: M01								
	MS Run #.....: 0304136								
<b>Zinc</b>									
	63.0	50.0	108	mg/kg	91		SW846 6010B	10/30-11/02/00	DNRCJ1C4
	63.0	50.0	105	mg/kg	84	3.0	SW846 6010B	10/30-11/02/00	DNRCJ1C5
	Dilution Factor: 1								
	Analysis Time...: 04:12								
	Instrument ID...: M01								
	MS Run #.....: 0304136								

MS Lot-Sample #: E0J250276-001 Prep Batch #....: 0304281

Mercury

ND	0.167	0.166	mg/kg	99		SW846 7471A	10/31-11/02/00	DNRCJ1C6
ND	0.167	0.170	mg/kg	102	2.6	SW846 7471A	10/31-11/02/00	DNRCJ1C7
Dilution Factor: 1								
Analysis Time...: 10:12								
Instrument ID...: M04								
MS Run #.....: 0304138								

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

NC The recovery and/or RPD were not calculated.

000146

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: E0J250276      Work Order #....: DNRCJ1A0-MS      Matrix.....: SOLID  
 MS Lot-Sample #: E0J250276-001    DNRCJ1A1-MSD  
 Date Sampled....: 10/25/00 08:10 Date Received...: 10/25/00 16:00 MS Run #.....: 0301214  
 Prep Date.....: 10/26/00    Analysis Date...: 11/14/00  
 Prep Batch #....: 0300537    Analysis Time...: 01:14  
 Dilution Factor: 1    % Moisture.....:  
 Instrument ID...: G03    Analyst ID.....: 356074

PARAMETER	SAMPLE	SPIKE	MEASRD	PERCENT			METHOD
	AMOUNT	AMT	AMOUNT	UNITS	RECOVERY	RPD	
TPH (as Diesel)	250	202		mg/kg	81		SW846 8015B
	250	294		mg/kg	118	p	37
Diesel Range Organics (C10-C25)	250	202		mg/kg	81		SW846 8015B
	250	294		mg/kg	118	p	37
<u>SURROGATE</u>	PERCENT			RECOVERY			<u>LIMITS</u>
	RECOVERY						
Benzo (a) pyrene	83				(60 - 130)		
	103				(60 - 130)		

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

000147

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: E0J250276      Work Order #....: DNRCJ1C8-MS      Matrix.....: SOLID  
 MS Lot-Sample #: E0J250276-001    DNRCJ1C9-MSD  
 Date Sampled....: 10/25/00 08:10 Date Received...: 10/25/00 16:00 MS Run #.....: 0307127  
 Prep Date.....: 10/27/00    Analysis Date...: 10/27/00  
 Prep Batch #....: 0304500    Analysis Time...: 13:24  
 Dilution Factor: 1    % Moisture.....:  
 Instrument ID...: G15    Analyst ID.....: 001464

PARAMETER	SAMPLE	SPIKE	MEASRD	PERCENT			METHOD
	AMOUNT	AMT	AMOUNT	UNITS	RECOVERY	RPD	
TPH (as Gasoline)	ND	5.00	5.33	mg/kg	107		SW846 8015B
	ND	5.00	5.05	mg/kg	101	5.4	SW846 8015B
<u>SURROGATE</u>			<u>PERCENT</u>			<u>RECOVERY</u>	
<u>a,a,a-Trifluorotoluene</u>			<u>RECOVERY</u>			<u>LIMITS</u>	
(TFT)			120			(60 - 130)	
			121			(60 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000148

## MATRIX SPIKE SAMPLE DATA REPORT

## GC Semivolatiles

Client Lot #....: E0J250276      Work Order #....: DNRCV1A2-MS      Matrix.....: SOLID  
 MS Lot-Sample #: E0J250275-002      DNRCV1A3-MSD  
 Date Sampled....: 10/25/00 08:09 Date Received...: 10/25/00 17:05 MS Run #.....: 0300273  
 Prep Date.....: 10/26/00      Analysis Date...: 10/29/00  
 Prep Batch #....: 0300523      Analysis Time...: 18:39  
 Dilution Factor: 1      % Moisture.....: 100      Analyst ID.....: 018568  
 Instrument ID...: G9A

<u>PARAMETER</u>	<u>SAMPLE</u>	<u>SPIKE</u>	<u>MEASRD</u>	<u>PERCENT</u>			
	<u>AMOUNT</u>	<u>AMT</u>	<u>AMOUNT</u>	<u>UNITS</u>	<u>RECOVERY</u>	<u>RPD</u>	<u>METHOD</u>
<b>Aroclor 1016</b>	ND	333	344	ug/kg	103		SW846 8082
	ND	333	348	ug/kg	104	1.2	SW846 8082
<b>Aroclor 1260</b>	ND	333	306	ug/kg	92		SW846 8082
	ND	333	312	ug/kg	93	1.7	SW846 8082

<u>SURROGATE</u>	<u>PERCENT</u>		<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>	
Decachlorobiphenyl	98	(60 - 140)	
	97	(60 - 140)	
Tetrachloro-m-xylene	147 *	(60 - 140)	
	145 *	(60 - 140)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

\* Surrogate recovery is outside stated control limits.

000149

## MATRIX SPIKE SAMPLE DATA REPORT

## GC/MS Volatiles

Client Lot #....: E0J250276      Work Order #....: DNRD41A2-MS      Matrix.....: SOLID  
 MS Lot-Sample #: E0J250275-017      DNRD41A3-MSD  
 Date Sampled....: 10/25/00 13:15 Date Received...: 10/25/00 17:05 MS Run #.....: 0308201  
 Prep Date.....: 11/02/00      Analysis Date...: 11/02/00  
 Prep Batch #....: 0308373      Analysis Time...: 22:36  
 Dilution Factor: 1      % Moisture.....: 100      Analyst ID.....: 004648  
 Instrument ID...: MSG

<u>PARAMETER</u>	SAMPLE	SPIKE	MEASRD	PERCENT			<u>METHOD</u>
	<u>AMOUNT</u>	<u>AMT</u>	<u>AMOUNT</u>	<u>UNITS</u>	<u>RECOVERY</u>	<u>RPD</u>	
Benzene	ND	50.0	54.0	ug/kg	108		SW846 8260B
	ND	50.0	54.0	ug/kg	108	0.09	SW846 8260B
Chlorobenzene	ND	50.0	50.3	ug/kg	101		SW846 8260B
	ND	50.0	49.0	ug/kg	98	2.7	SW846 8260B
1,1-Dichloroethene	ND	50.0	52.9	ug/kg	106		SW846 8260B
	ND	50.0	59.5	ug/kg	119	12	SW846 8260B
Toluene	ND	50.0	51.3	ug/kg	103		SW846 8260B
	ND	50.0	50.3	ug/kg	101	2.0	SW846 8260B
Trichloroethene	ND	50.0	52.6	ug/kg	105		SW846 8260B
	ND	50.0	51.2	ug/kg	102	2.8	SW846 8260B

<u>SURROGATE</u>	PERCENT		RECOVERY
	<u>RECOVERY</u>	<u>LIMITS</u>	
Bromofluorobenzene	103	(70 - 130)	
	103	(70 - 130)	
1,2-Dichloroethane-d4	104	(60 - 140)	
	105	(60 - 140)	
Toluene-d8	104	(70 - 130)	
	104	(70 - 130)	

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000150

## MATRIX SPIKE SAMPLE DATA REPORT

## GC/MS Volatiles

Client Lot #....: E0J250276      Work Order #....: DNWCJ1A0-MS      Matrix.....: SOLID  
 MS Lot-Sample #: E0J260321-017      DNWCJ1A1-MSD  
 Date Sampled....: 10/26/00 13:07 Date Received...: 10/26/00 16:40 MS Run #.....: 0309032  
 Prep Date.....: 11/03/00 Analysis Date...: 11/03/00  
 Prep Batch #....: 0309145 Analysis Time...: 23:22  
 Dilution Factor: 1 % Moisture.....: 100 Analyst ID....: 015590  
 Instrument ID...: MSG

<u>PARAMETER</u>	SAMPLE	SPIKE	MEASRD	PERCENT			<u>METHOD</u>
	<u>AMOUNT</u>	<u>AMT</u>	<u>AMOUNT</u>	<u>UNITS</u>	<u>RECOVERY</u>	<u>RPD</u>	
Benzene	ND	50.0	51.8	ug/kg	104		SW846 8260B
	ND	50.0	52.2	ug/kg	104	0.73	SW846 8260B
Chlorobenzene	ND	50.0	47.5	ug/kg	95		SW846 8260B
	ND	50.0	48.6	ug/kg	97	2.1	SW846 8260B
1,1-Dichloroethene	ND	50.0	49.7	ug/kg	99		SW846 8260B
	ND	50.0	50.3	ug/kg	101	1.2	SW846 8260B
Toluene	ND	50.0	49.7	ug/kg	99		SW846 8260B
	ND	50.0	51.3	ug/kg	103	3.2	SW846 8260B
Trichloroethene	2.1	50.0	49.3	ug/kg	94		SW846 8260B
	2.1	50.0	50.0	ug/kg	96	1.3	SW846 8260B

<u>SURROGATE</u>	PERCENT	RECOVERY
	<u>RECOVERY</u>	<u>LIMITS</u>
Bromofluorobenzene	108	(70 - 130)
	110	(70 - 130)
1,2-Dichloroethane-d4	99	(60 - 140)
	99	(60 - 140)
Toluene-d8	105	(70 - 130)
	106	(70 - 130)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000151

**MATRIX SPIKE SAMPLE EVALUATION REPORT**

**TOTAL Metals**

**Client Lot #....:** E0J250276

**Matrix.....:** SOLID

**Date Sampled....:** 10/25/00 08:10 **Date Received..:** 10/25/00 16:00

<b>PARAMETER</b>	<b>PERCENT</b>	<b>RECOVERY</b>	<b>RPD</b>	<b>RPD</b>	<b>LIMITS</b>	<b>METHOD</b>	<b>PREPARATION-</b>	<b>WORK</b>
	<b>RECOVERY</b>	<b>LIMITS</b>	<b>ANALYSIS</b>				<b>ANALYSIS DATE</b>	<b>ORDER #</b>
<b>MS Lot-Sample #:</b> E0J250276-001 <b>Prep Batch #....:</b> 0304274								
Aluminum	NC	(80 - 120)		SW846	6010B		10/30-11/02/00	DNRCJ1A2
	NC	(80 - 120)	(0-25)	SW846	6010B	Dilution Factor: 1	10/30-11/02/00	DNRCJ1A3
						Analysis Time...: 04:12	Instrument ID...: M01	Analyst ID.....: 003119
						MS Run #.....: 0304136		
Arsenic	90	(75 - 115)		SW846	6010B		10/30-11/02/00	DNRCJ1A4
	88	(75 - 115)	2.2 (0-25)	SW846	6010B	Dilution Factor: 1	10/30-11/02/00	DNRCJ1A5
						Analysis Time...: 04:12	Instrument ID...: M01	Analyst ID.....: 003119
						MS Run #.....: 0304136		
Antimony	27 N	(75 - 115)		SW846	6010B		10/30-11/02/00	DNRCJ1A6
	27 N	(75 - 115)	0.04 (0-25)	SW846	6010B	Dilution Factor: 1	10/30-11/02/00	DNRCJ1A7
						Analysis Time...: 04:12	Instrument ID...: M01	Analyst ID.....: 003119
						MS Run #.....: 0304136		
Barium	90	(80 - 120)		SW846	6010B		10/30-11/02/00	DNRCJ1A8
	90	(80 - 120)	0.0 (0-25)	SW846	6010B	Dilution Factor: 1	10/30-11/02/00	DNRCJ1A9
						Analysis Time...: 04:12	Instrument ID...: M01	Analyst ID.....: 003119
						MS Run #.....: 0304136		
Cadmium	97	(80 - 120)		SW846	6010B		10/30-11/02/00	DNRCJ1CA
	95	(80 - 120)	1.1 (0-25)	SW846	6010B	Dilution Factor: 1	10/30-11/02/00	DNRCJ1CC
						Analysis Time...: 04:12	Instrument ID...: M01	Analyst ID.....: 003119
						MS Run #.....: 0304136		
Chromium	94	(85 - 120)		SW846	6010B		10/30-11/02/00	DNRCJ1CD
	86	(85 - 120)	3.4 (0-25)	SW846	6010B	Dilution Factor: 1	10/30-11/02/00	DNRCJ1CE
						Analysis Time...: 04:12	Instrument ID...: M01	Analyst ID.....: 003119
						MS Run #.....: 0304136		
Beryllium	96	(80 - 120)		SW846	6010B		10/30-11/02/00	DNRCJ1CF
	93	(80 - 120)	2.6 (0-25)	SW846	6010B	Dilution Factor: 1	10/30-11/02/00	DNRCJ1CG
						Analysis Time...: 04:12	Instrument ID...: M01	Analyst ID.....: 003119
						MS Run #.....: 0304136		

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**000152**

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....:	E0J250276					Matrix.....:	SOLID
Date Sampled....:	10/25/00 08:10 Date Received...: 10/25/00 16:00						
PARAMETER	PERCENT	RECOVERY	RPD			PREPARATION-	WORK
	RECOVERY	LIMITS	RPD	LIMITS	METHOD	ANALYSIS DATE	ORDER #
Lead	94	(80 - 120)			SW846 6010B	10/30-11/02/00	DNRCJ1CH
	92	(80 - 120)	2.1	(0-25)	SW846 6010B	10/30-11/02/00	DNRCJ1CJ
		Dilution Factor: 1					
		Analysis Time...: 04:12			Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0304136					
Selenium	90	(70 - 115)			SW846 6010B	10/30-11/02/00	DNRCJ1CK
	90	(70 - 115)	0.38	(0-25)	SW846 6010B	10/30-11/02/00	DNRCJ1CL
		Dilution Factor: 1					
		Analysis Time...: 04:12			Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0304136					
Silver	79 N	(80 - 120)			SW846 6010B	10/30-11/02/00	DNRCJ1CM
	78 N	(80 - 120)	0.94	(0-25)	SW846 6010B	10/30-11/02/00	DNRCJ1CN
		Dilution Factor: 1					
		Analysis Time...: 04:12			Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0304136					
Cobalt	99	(80 - 120)			SW846 6010B	10/30-11/02/00	DNRCJ1CP
	96	(80 - 120)	2.6	(0-25)	SW846 6010B	10/30-11/02/00	DNRCJ1CQ
		Dilution Factor: 1					
		Analysis Time...: 04:12			Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0304136					
Copper	94	(80 - 120)			SW846 6010B	10/30-11/02/00	DNRCJ1CR
	86	(80 - 120)	4.7	(0-25)	SW846 6010B	10/30-11/02/00	DNRCJ1CT
		Dilution Factor: 1					
		Analysis Time...: 04:12			Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0304136					
Molybdenum	88	(80 - 120)			SW846 6010B	10/30-11/02/00	DNRCJ1CU
	86	(80 - 120)	2.7	(0-25)	SW846 6010B	10/30-11/02/00	DNRCJ1CV
		Dilution Factor: 1					
		Analysis Time...: 04:12			Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0304136					
Nickel	96	(80 - 120)			SW846 6010B	10/30-11/02/00	DNRCJ1CW
	92	(80 - 120)	2.6	(0-25)	SW846 6010B	10/30-11/02/00	DNRCJ1CX
		Dilution Factor: 1					
		Analysis Time...: 04:12			Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0304136					
Thallium	96	(75 - 120)			SW846 6010B	10/30-11/02/00	DNRCJ1C0
	94	(75 - 120)	2.2	(0-25)	SW846 6010B	10/30-11/02/00	DNRCJ1C1
		Dilution Factor: 1					
		Analysis Time...: 04:12			Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0304136					

(Continued on next page)

000153

**MATRIX SPIKE SAMPLE EVALUATION REPORT**

**TOTAL Metals**

**Client Lot #....:** E0J250276

**Matrix.....:** SOLID

**Date Sampled...:** 10/25/00 08:10 **Date Received...:** 10/25/00 16:00

<b>PARAMETER</b>	<b>PERCENT</b>	<b>RECOVERY</b>	<b>RPD</b>		<b>METHOD</b>	<b>PREPARATION-</b>	<b>WORK</b>
	<b>RECOVERY</b>	<b>LIMITS</b>	<b>RPD</b>	<b>LIMITS</b>		<b>ANALYSIS DATE</b>	<b>ORDER #</b>
Vanadium	93	(80 - 120)			SW846 6010B	10/30-11/02/00	DNRCJ1C2
	84	(80 - 120) 4.6 (0-25)			SW846 6010B	10/30-11/02/00	DNRCJ1C3
		Dilution Factor: 1					
			Analysis Time..: 04:12		Instrument ID..: M01		Analyst ID.....: 003119
				MS Run #.....: 0304136			
Zinc	91	(80 - 120)			SW846 6010B	10/30-11/02/00	DNRCJ1C4
	84	(80 - 120) 3.0 (0-25)			SW846 6010B	10/30-11/02/00	DNRCJ1C5
		Dilution Factor: 1					
			Analysis Time..: 04:12		Instrument ID..: M01		Analyst ID.....: 003119
				MS Run #.....: 0304136			

**MS Lot-Sample #:** E0J250276-001 **Prep Batch #....:** 0304281

Mercury	99	(80 - 120)			SW846 7471A	10/31-11/02/00	DNRCJ1C6
	102	(80 - 120) 2.6 (0-20)			SW846 7471A	10/31-11/02/00	DNRCJ1C7
		Dilution Factor: 1					
			Analysis Time..: 10:12		Instrument ID..: M04		Analyst ID.....: 021088
				MS Run #.....: 0304138			

**NOTE (S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

NC The recovery and/or RPD were not calculated.

**000154**

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: E0J250276      Work Order #...: DNRCJ1A0-MS      Matrix.....: SOLID  
 MS Lot-Sample #: E0J250276-001      DNRCJ1A1-MSD  
 Date Sampled...: 10/25/00 08:10 Date Received...: 10/25/00 16:00 MS Run #.....: 0301214  
 Prep Date.....: 10/26/00      Analysis Date...: 11/14/00  
 Prep Batch #...: 0300537      Analysis Time...: 01:14  
 Dilution Factor: 1      % Moisture.....:  
 Instrument ID...: G03      Analyst ID....: 356074

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>RPD</u>	<u>LIMITS</u>	<u>METHOD</u>
	<u>RECOVERY</u>	<u>LIMITS</u>			
TPH (as Diesel)	81	(60 - 130)			SW846 8015B
	118 p	(60 - 130)	37	(0-35)	SW846 8015B
Diesel Range Organics (C10-C25)	81	(60 - 130)			SW846 8015B
	118 p	(60 - 130)	37	(0-35)	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Benzo(a)pyrene	83	(60 - 130)
	103	(60 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

000155

BOE-C6-0168469

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #....: E0J250276      Work Order #....: DNRCJ1C8-MS      Matrix.....: SOLID  
 MS Lot-Sample #: E0J250276-001      DNRCJ1C9-MSD  
 Date Sampled....: 10/25/00 08:10 Date Received...: 10/25/00 16:00 MS Run #.....: 0307127  
 Prep Date.....: 10/27/00      Analysis Date...: 10/27/00  
 Prep Batch #....: 0304500      Analysis Time...: 13:24  
 Dilution Factor: 1      % Moisture.....:  
 Instrument ID...: G15      Analyst ID.....: 001464

PARAMETER	PERCENT	RECOVERY	RPD	LIMITS	METHOD
	RECOVERY	LIMITS			
TPH (as Gasoline)	107	(80 - 140)			SW846 8015B
	101	(80 - 140)	5.4	(0-40)	SW846 8015B
<u>SURROGATE</u>					
a,a,a-Trifluorotoluene (TFT)		PERCENT		RECOVERY	
		RECOVERY		LIMITS	
		120		(60 - 130)	
		121		(60 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000156

## MATRIX SPIKE SAMPLE EVALUATION REPORT

## GC Semivolatiles

Client Lot #....: E0J250276      Work Order #....: DNRCV1A2-MS      Matrix.....: SOLID  
 MS Lot-Sample #: E0J250275-002      DNRCV1A3-MSD  
 Date Sampled...: 10/25/00 08:09 Date Received...: 10/25/00 17:05 MS Run #.....: 0300273  
 Prep Date.....: 10/26/00      Analysis Date...: 10/29/00  
 Prep Batch #....: 0300523      Analysis Time...: 18:39  
 Dilution Factor: 1      % Moisture.....: 100      Analyst ID....: 018568  
 Instrument ID...: G9A

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>LIMITS</u>	<u>METHOD</u>
<b>Aroclor 1016</b>	103	(65 - 130)	1.2	(0-30)	SW846 8082
	104	(65 - 130)			SW846 8082
<b>Aroclor 1260</b>	92	(70 - 130)	1.7	(0-30)	SW846 8082
	93	(70 - 130)			SW846 8082

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Decachlorobiphenyl	98	(60 - 140)
	97	(60 - 140)
Tetrachloro-m-xylene	147 *	(60 - 140)
	145 *	(60 - 140)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

\* Surrogate recovery is outside stated control limits.

000157

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

**Client Lot #....:** E0J250276      **Work Order #....:** DNRD41A2-MS      **Matrix.....:** SOLID  
**MS Lot-Sample #:** E0J250275-017      DNRD41A3-MSD  
**Date Sampled....:** 10/25/00 13:15    **Date Received...:** 10/25/00 17:05    **MS Run #.....:** 0308201  
**Prep Date.....:** 11/02/00      **Analysis Date...:** 11/02/00  
**Prep Batch #....:** 0308373      **Analysis Time...:** 22:36  
**Dilution Factor:** 1      **% Moisture.....:** 100      **Analyst ID....:** 004648  
**Instrument ID...:** MSG

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>LIMITS</u>	<u>METHOD</u>
Benzene	108	(70 - 140)	0.09	(0-30)	SW846 8260B
	108	(70 - 140)			SW846 8260B
Chlorobenzene	101	(70 - 130)	2.7	(0-30)	SW846 8260B
	98	(70 - 130)			SW846 8260B
1,1-Dichloroethene	106	(60 - 150)	12	(0-30)	SW846 8260B
	119	(60 - 150)			SW846 8260B
Toluene	103	(70 - 130)	2.0	(0-30)	SW846 8260B
	101	(70 - 130)			SW846 8260B
Trichloroethene	105	(70 - 130)	2.8	(0-30)	SW846 8260B
	102	(70 - 130)			SW846 8260B
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>			
Bromofluorobenzene	103	(70 - 130)			
1,2-Dichloroethane-d4	103	(70 - 130)			
Toluene-d8	104	(60 - 140)			
	105	(60 - 140)			
	104	(70 - 130)			
	104	(70 - 130)			

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000158

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: E0J250276      Work Order #....: DNWCJ1A0-MS      Matrix.....: SOLID  
 MS Lot-Sample #: E0J260321-017      DNWCJ1A1-MSD  
 Date Sampled....: 10/26/00 13:07 Date Received...: 10/26/00 16:40 MS Run #.....: 0309032  
 Prep Date.....: 11/03/00 Analysis Date...: 11/03/00  
 Prep Batch #....: 0309145 Analysis Time...: 23:22  
 Dilution Factor: 1 % Moisture.....: 100 Analyst ID....: 015590  
 Instrument ID...: MSG

<u>PARAMETER</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>	<u>RPD</u>	<u>LIMITS</u>	<u>METHOD</u>
Benzene	104	(70 - 140)	0.73	(0-30)	SW846 8260B
	104	(70 - 140)			SW846 8260B
Chlorobenzene	95	(70 - 130)	2.1	(0-30)	SW846 8260B
	97	(70 - 130)			SW846 8260B
1,1-Dichloroethene	99	(60 - 150)	1.2	(0-30)	SW846 8260B
	101	(60 - 150)			SW846 8260B
Toluene	99	(70 - 130)	3.2	(0-30)	SW846 8260B
	103	(70 - 130)			SW846 8260B
Trichloroethene	94	(70 - 130)	1.3	(0-30)	SW846 8260B
	96	(70 - 130)			SW846 8260B
<hr/>					
<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>			
Bromofluorobenzene	108	(70 - 130)			
	110	(70 - 130)			
1,2-Dichloroethane-d4	99	(60 - 140)			
	99	(60 - 140)			
Toluene-d8	105	(70 - 130)			
	106	(70 - 130)			

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000159